National Pollutant Discharge Elimination System (NPDES)

Construction General Permit Compliance Evaluation Inspection Report

Burma Road
Gotham Bay Road to Junction SH 97
Coeur d' Alene, Idaho

NPDES Permit Tracking Numbers:
IDR12C962, IDR12C968 and IDR12C974

Inspection date: March 25, 2014
Report completion date: May 21, 2014

Prepared by:

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U.S. Environmental Protection Agency, Region 10
Office of Compliance and Enforcement
Inspection and Enforcement Management Unit
Idaho Operations Office

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I. Facility Information

Project Name:	Burma Road – Gotham Bay Road to Junction SH 97
Project Location:	Burma Road – Milepost 100 to 102.79
Latitude/longitude:	47.575055/-116.782578 to 47.586314/-116.744545
NPDES Tracking No.:	IDR12C962 (Operator #1) IDR12C968 (Operator #2) IDR12C974 (Operator #3)
Project Nature:	Widen and pave 2.75 mile (approximate) stretch of gravel road between SH 97 and Gotham Bay Road
SIC Code:	1611 – Highway and Street Construction
Operator #1:	Local Highway Technical Assistance Council (LHTAC) 3330 Grace Street Boise, ID 83703
Operator #2:	East Side Highway District (ESHD) 6095 Mullan Trail Road Coeur d' Alene, ID 83814
Operator #3	Apollo, Inc. 1133 E. Columbia Drive Kennewick, WA 99336
LHTAC Representative(s) (Operator #1):	Karissa Hardy, P.E. Environmental. Engineer 208-344-0565 (office); 208-841-2153 (cell) khardy@lhtac.com
ESHD Representative(s) (Operator #2):	John Pankratz, Supervisor; 208-765-4714 jp@imaxmail.net
Apollo Representative(s) (Operator #3)	John Oldham Jr.; Project Superintendent 509-947-1799; joldhamjr@apollo-gc.com Brett Brown; Project Engineer 509-947-4309; brettb@apollo-gc.com Tony McCullough, Project Foreman 509-947-1084; tmccullough@apollo-gc.com

Other representative(s):	**David Evans and Associates, Inc**. – LHTAC subcontractor 663 W. Canfield Avenue Coeur d' Alene, ID 83815 David Suhr, P.E.; Construction Engineering Group Leader 208-635-7094; djsu@deainc.com Randy Durland – DEA Lead Inspector 208-635-7117; rjdu@deainc.com **Resource Planning Unlimited, Inc**. (RPU) Apollo subcontractor 1406 East F. Street Moscow, ID 83843 Shelly Gilmore; RPU owner/operator; Certified Professional in Erosion and Sediment Control; Environmental Consultant 208-883-1806; rpu@turbonet.com
Construction Start Date:	April 1, 2013
Total Disturbed Acres:	28 acres/linear project approximately 2.79 miles long
Receiving water(s)	Turner Creek, with discharge to Lake Coeur d' Alene

II. Inspection Information

Inspection Date(s):	March 25, 2014
Inspector(s):	Patrick Stoll, Environmental Scientist (lead inspector) EPA Region 10/OCE/IEMU/IOO (208) 378-5772 Tony Davis, Senior Environmental Employee (assisting) EPA Region 10 (206) 553-8322
Entry Time: Exit Time:	9:50 am 5:30 pm
Weather Conditions:	Overcast with temps in upper 40's to mid 50's (Fahrenheit)
Purpose:	Verify compliance with the requirements of the Clean Water Act and follow up on reports involving sediment laden runoff from the site to Turner Creek and Lake Coeur d' Alene.

Information Sources:	The information gathered during this inspection was provided by the various representatives noted in Section I.
Report prepared by:	Patrick Stoll, Environmental Scientist EPA Region 10/OCE/IEMU/IOO (208) 378-5772

III. Project Background

State Highway (SH) 97 follows the irregular shoreline along the east side of Lake Coeur d' Alene from its intersection with Interstate 90 near the northeast end of the lake to its junction with SH 3 near the lake's southeastern end. Burma Road provides an alternate (i.e., shorter) cross-country route that bypasses a longer, irregular portion of the SH 97 shoreline route (see Photo 3).

Burma Road is approximately five miles in length. Though the road is heavily traveled, less than half is paved. The remaining portion (approximately 2.8 miles from the junction with Gotham Bay Road to SH 97) is gravel. The gravel portion is narrow, winding, and parallels Turner Creek for much of its length (see Photo 4). The primary focus of the Burma Road project is to widen and pave the gravel section. Throughout its entire length, the project involves a number of road cuts into steep hillsides.

The Burma Road project began in 2004 when the East Side Highway District (ESHD), a consortium of nine highway districts and the Kootenai County Road Department, teamed up with the Local Highway Technical Assistance Council (LHTAC) in Boise, Idaho to develop a grant application for funding from the Federal Highway Administration (FHWA) to cover improvements to Burma Road. ESHD, the local sponsor for the project, was required to provide a 7.75% funding match. The grant application was approved in 2004. As part of a stewardship agreement with the Idaho Transportation Department (ITD), the federal funding would pass through ITD to LHTAC. LHTAC would provide project oversight and funding administration.

As part of the organization's oversight responsibility, LHTAC developed and announced a Request for Proposals (RFP) soliciting bids for the development of engineering designs for the Burma Road project. A committee composed of LHTAC and ESHD representatives selected J-U-B Engineers, Inc. (JUB) in Coeur d' Alene, Idaho to develop the project design plans. The selection was reportedly made on the basis of JUB's proposal and qualifications. JUB, in turn, contracted with Terracon Consulting Engineers and Scientists (Terracon) in Boise to conduct a geotechnical investigation of the project area. Once the design plans were complete and approved, LHTAC issued a follow-up RFP for the purpose of selecting a road construction

contractor to implement JUB's engineering design. Apollo, Inc. (Apollo), based in Kennewick, WA, was selected as the contractor for the project on the basis of the company's low bid.

For the purpose of compliance with EPA's 2012 Construction General Permit (CGP), three separate operators are identified as controlling participants in the Burma Road project - LHTAC, ESHD, and Apollo. Each operator submitted an electronic Notice Of Intent (eNOI) seeking coverage under the CGP on February 11, 2013 (see Appendix B). Work on the Burma Road project began with clearing and the installation of BMPs (best management practices for erosion and sediment control) on April 1, 2013. Road construction began early in May, 2013.

Concerns about erosion and sediment control from the project were brought to EPA's attention in September 2013. On September 30, 2013, June Bergquist, a Water Quality Compliance Officer with the Idaho Department of Environmental Quality (IDEQ), sent me photos of turbid water flowing from Turner Creek into Lake Coeur d' Alene. According to Ms. Bergquist, the turbidity was related to stormwater runoff from the project area. From the mouth of Turner Creek, a visible plume flowed for some distance into the lake (see Photos 8a-8b). That same day, Maria Lopez, Bill Stewart, and I met with ITD stormwater program staff members Sue Sullivan, Brad Wolfinger, and Caleb Lakey at IDEQ's state office to discuss stormwater issues. The meeting was hosted by IDEQ staff person Miranda Adams. During this meeting, the ITD staff members acknowledged that there were some erosion and sediment control problems at the Burma Road project site. They also wanted to make it clear that the stewardship agreement between ITD and LHTAC limited ITD's involvement in the project – that ITD was not an "Operator" as defined in the CGP. A few days later, I received additional photos from Ms. Bergquist (dated 10/10/2013) documenting the beginning of slope failures that had occurred since the site had undergone final stabilization a few days earlier (see Photos 11-12).

On March 14, 2014, I (and others within EPA) received an email from ITD Stormwater Compliance Coordinator Brad Wolfinger. The email included an attached "Notice of Potential Violation of the Construction General Permit (NOPV)", an internal document developed by ITD to report potential violations and/or prohibited discharges from a construction project site. The document, prepared by Jeremy Jenkins (Apollo) and Karissa Hardy (LHTAC), described a series of slope failures that had occurred at the Burma Road site on March 5, 2014. The failures reportedly coincided with a significant rainfall event in the area. Prior to receiving the NOPV from Mr. Woldfinger, June Bergquist had sent me a series of photographs she had made at the Burma Road site on March 7, 2014, two days after the events summarized in NOPV forwarded to me by Wolfinger. The photos documented a number of issues on the Burma Road project including slope failures at various locations throughout the project, the discharge of turbid runoff to Turner Creek, and a visible plume of turbidity extending from the mouth of Turner Creek into Lake Coeur d' Alene (see Photos 15-22).

As it became increasingly obvious that there were significant and ongoing erosion and

sediment control issues at the Burma Road project site, EPA's Region 10 NPDES Compliance Unit (NCU) requested an inspection to gather more information about the site and to verify compliance with the requirements of the CGP.

III.A. Project Background – ITD Stormwater Compliance Inspection Reports

I am providing this information to help the reader understand a key set of documents associated with this report. Part 4 of the CGP requires the operator(s) to conduct self-inspections on a 7-day or 14-day schedule. The Burma Road project specifications dictated the 7-day schedule along with an additional inspection within 24 hours of a storm event of 0.25 inches or greater (this is reportedly a common requirement for ITD projects). The Burma Road operators are using an ITD form labeled ***Stormwater Compliance Inspection*** to record the inspection results. The completed form serves as the inspection report for each day an inspection is conducted. In addition to using the ITD inspection form, operators are also using the ITD format for numbering the report form; each report has a district number (ITD highway district 1 in this case) a key or project code (09462 for Burma Road) and an inspection number. Henceforth, I will be referring solely to the inspection number to identify each Stormwater Compliance Inspection report. A total of 78 self-inspections (422 pages) have been recorded since the start of the Burma Road project up to the date of this inspection (this includes the additional inspection reports triggered by rainfall events exceeding 0.25 inches). A copy of all inspections is included on the ***Burma Road CGP/CEI*** CD developed to accompany this report.

The ***Stormwater Compliance Inspection*** reports make numerous references to "***stations***". On a road construction project such as this, location markers or "stations" are established as reference points. Each "station" refers to the distance from the start of the road project; stations are measured and marked in the field by a surveyor and used later when developing and implementing the project's design plans. They also serve as reference points to identify problems areas during the self-inspection.

The contractual arrangement between LHTAC and Apollo stipulates that actual road construction on the site can only take place between April 15 and October 15 unless a waiver is authorized. Until completed, the project is considered to be in a "**winter shutdown**" phase during the period between October 15 and April 15. According to Ms. Hardy, the contactor was required to continue conducting stormwater inspections, during the winter shutdown, in accordance with the schedule outlined above. Work to maintain and/or repair BMPs and other erosion and sediment control measures is also authorized during the winter shutdown phase.

III.B Project Background – Discharges to Waters of the United States

The Burma Road project has experienced a number of discharges of sediment laden runoff to the waters of the United States. Four of these discharges were reported to EPA

using the ITD NOPV form described previously in this report (copies of the NOPVs are included in Appendix C of this report). The discharges reported on the NOPVs occurred on 09/24/2013, 09/29/2013, 10/08/2013, and 03/05/2014.
Part 5.2.1.2 of the CGP requires a notification to EPA by the end of the next work day when stormwater discharges fail to meet applicable (Idaho) water quality standards. The discharges that occurred on 09/29/2013 and 10/08/2013 were not reported to EPA until at least 2 days after the discharge.

Additional discharges occurred during the week after the 03/05/2014 discharge - these discharges were reported on the weekly updates requested by EPA.

III.C. Project Background – Slope Failures

Slope failures, the sloughing of saturated soil from the face of the unstabilized steep slopes throughout the Burma Road project area, have been one of the primary water quality concerns associated with this project. Stormwater runoff from locations throughout the project area could conceivably transport heavy loads of sediment (the soil mass sloughed from the face of the failed slopes) into Turner Creek and, subsequently, to Lake Coeur d' Alene. The first of the slope failures reported to EPA appears to have occurred on September 28, 2013. With the exception of the month of December, 2013, slope failures continued to occur on the Burma Road project from October 2013 through March 2014.

IV. On-Site Compliance Evaluation Inspection

This was an announced inspection. On Friday afternoon, March 21, 2014, I left a message on Karissa Hardy's cell phone to inform her that I planned to conduct an inspection at the Burma Road project site on Tuesday, March 25, 2014 to verify compliance with the requirements of the CGP. I invited her to call me at home over the weekend if she had any questions about the inspection. I eventually spoke with Ms. Hardy and learned that she planned to be present at the site for the inspection. I suggested that she notify and invite representatives associated with the other operators as well. She assured me they would be present. We agreed to meet at the Burma Road project management site on Carlton Bay Road at 9:00 am Tuesday morning.

On Tuesday morning, March 25, 2014, I arrived at the IDEQ office to meet with June Bergquist shortly after 8:00 am. Ms. Bergquist had planned to join me for the Burma Road inspection. It turned out that Ms. Bergquist had a dental emergency and would not be able to meet me at the site until later in the day. I then contacted Tony Davis, a Senior Environmental Employee working on behalf of EPA from EPA's Coeur d' Alene office. Mr. Davis agreed to join me on the Burma Road inspection.

V. Opening Conference

Coordinating the arrangements with Mr. Davis created a brief delay in the planned inspection schedule. I contacted Ms. Hardy at the Burma Road site to let her know I

was running about half an hour late. Mr. Davis and I arrived at the site at 9:30 am. We were greeted by Ms. Hardy who led us into one of the construction trailers where the other participants were awaiting our arrival. I introduced Tony and myself to those present around the table. I then presented my inspection credentials. Given the number of people in attendance, I choose to read the authorization statement from the credentials out loud so there would be no confusion about whether or not this was an official visit. Each of the operator representatives (listed in **Section I**, ***Facility Information***) then identified himself or herself and described their respective role(s) in the project.

Upon completion of the introductions, I explained the reasons for the inspection and described how I expected it to proceed. I noted that EPA was very concerned about the many reports involving slope failures and subsequent discharges of sediment to Turner Creek and Turner Bay, particularly in light of similar problems that had occurred on the opposite side of the lake at Mica Bay a decade earlier (see Appendix D). I explained that I hoped to learn more about the background details associated with the project; the role of the three different operators and any subcontractors; the completeness and adequacy of the project's Stormwater Pollution Prevention Plan (SWPPP); and current conditions at the site.

V.A. Operators - Personnel

Karissa Hardy, PE, Environmental Engineer - LHTAC. Ms. Hardy indicated that she has worked for LHTAC as a part-time employee for a little more than two years (LHTAC itself has reportedly been around in the Boise area for 25 years). Prior to employment with LHTAC, she worked for ITD for two years. At ITD, she was responsible for stormwater compliance. Ms. Hardy appears to be the primary representative for LHTAC on this project. She has reportedly worked on 50-100 stormwater projects.

Todd Bartolome – Construction Engineering Manager – LHTAC. Mr. Bartolome is the Resident Engineer for the Burma Road project. While Ms. Hardy appears to be the public representative for the Burma Road project, Mr. Bartolome is ultimately in charge of the project on behalf of LHTAC. Mr. Bartolome routinely signs off on the final compliance certification on the weekly stormwater inspections. Mr. Bartolome was not present at the Burma Road site during this inspection.

John Pankratz – ESHD. Mr. Pankratz has reportedly been working for the ESHD since 1994; as a supervisor since 2002. The ESHD was formed in 1971 after consolidation of 9 highway districts and the Kootenai County Road Department.

Apollo, Inc. A number of employees have represented Apollo on the Burma Road project since the project was awarded in 2012. **Tom O'Neil** (509-947-0356) was the project superintendent from the beginning of the project until March 10, 2014 (shortly after the major slope failures began occurring earlier in the month). Mr. O'Neil was

replaced by **John Oldham, Jr**. Another Apollo employee, **Jeremy Jenkins**, was the designated Water Pollution Control Manager (WPCM - a term frequently associated with road construction projects) from the beginning of the project until March 17, 2014. Prior to his departure from the project, Mr. Jenkins routinely signed off as the WPCM on the stormwater self-inspection reports discussed later in this report. Mr. Jenkins was also responsible for turbidly monitoring conducted in association with IDEQ's CWA 401 certification of the 404 permit. Mr. Jenkins was replaced as the WPCM by Shelly Gilmore, a subcontractor to Apollo (additional information relating to Ms. Gilmore is provided in the ***Subcontractors*** portion of this report). **Brett Brown** is the Apollo Project Engineer; he has been around since the beginning of the project. **Tony McCullough**, Project Foreman, began working on the Burma Road project approximately 2 weeks before this inspection. His role, in part, involves working with the new WPCM, Shelly Gilmore, conducting weekly inspections and turbidity monitoring.

Note: As part of a Consent Decree associated with ITD's role and responsibility in the Mica Bay incident, ITD developed a number of internal documents and forms used to insure compliance with the CGP (e.g., SWPPP template, inspection reports, corrective action log, etc.) on all ITD projects. The ITD documents and procedures developed in conjunction with the Consent Decree are often used on other road construction projects in Idaho, particularly if ITD has any involvement in the project.

V.B. Subcontractors

Resource Planning Unlimited, Inc. (RPU) – an environmental consulting firm based in Moscow, Idaho. **Shelly Gilmore** is the owner/operator of RPU. Ms. Gilmore is an environmental consultant working on the Burma Road project on behalf of Apollo. According to the RPU website, Ms. Gilmore is a *Certified Professional in Erosion and Sediment Control*. She replaced Apollo employee Jeremy Jenkins as the WPCM in early March, 2014. In addition to signing off on the weekly stormwater inspection reports as the WPCM, Ms. Gilmore has been responsible for making many of the recommendations for stabilizing the steep slopes since the time of the March 5, 2014 failures.

Dave Evans and Associates, Inc. (DEA) - DEA conducts routine inspections, on behalf of LHTAC, to verify that the Burma Road project is being constructed in accordance with all design specifications. **David Suhr**, PE, is the DEA *Construction Engineering Group Leader*. DEA employee **Randy Durland**, identified in the SWPPP as the stormwater team Lead Inspector, is regularly present on-site at the Burma Road project. Mr. Durland occasionally conducts or participates in the weekly stormwater inspections. DEA employees **Tony Butler** and **Teresa Neumann** have also been responsible for conducting stormwater inspections. Neither were present during this inspection.

V.C Familiarity with Mica Bay Construction Stormwater Issues

I asked the operators how familiar they were, before starting the Burma Road project, with the Mica Bay incident across the lake and the problems associated with road construction in the steep terrain surrounding Lake Coeur d' Alene.

- Karissa Hardy (LHTAC) indicated that she had been hired specifically to make sure that the same type of erosion and sediment control issues associated with the Mica Bay incident did not occur at Burma Road.

- Jon Pankratz (ESHD) said that he remembered hearing something about Mica Bay, that it had something to do with slope failures, but didn't know much more than that.

- Brett Brown (Apollo) said that he was not familiar with the Mica Bay incident. I asked him if Apollo had much experience with road construction involving steep slopes in areas similar to the Burma Road project. He admitted that he wasn't familiar with many similar projects but did mention some recent work Apollo had conducted on highway projects near Sandpoint, Idaho.

V.D. Minimizing the Disturbance of Steep Slopes – Phasing and Stabilization

Part 2.1.2.6 of the 2012 CGP requires operators to minimize the disturbance of steep slopes. Quoting from the CGP: "*in cases where steep slope disturbances are required, minimizing the disturbances…can be accomplished through the implementation of a number of standard erosion and sediment control practices, such as by phasing disturbances to these areas and using stabilization practices designed to be used on steep grades*". I asked the operators if the project had been phased or if any other steps had been implemented to comply with Part 2.1.2.6 of the CGP.

Brett Brown (Apollo) indicated that the project did involve separate phases. Further discussion indicated that the "phasing" Mr. Brown referred to applied to the employment of different construction techniques at different project locations as part of the project's design requirements (work category phasing) rather than any type of phasing that would actually minimize the amount of soil disturbance at any one time (partial completion/secure stabilization phasing).

Karissa Hardy (LHTAC) stated that the operators had relied upon final stabilization, using a seed-impregnated bonded fiber matrix (BFM), to satisfy the CGP Part 2.1.2.6 requirements. According to Ms. Hardy, application of the BFM was originally scheduled to begin at the end of the October 2013 construction season; the schedule was moved up in response to significant erosion problems at the site in late September, 2013 (the project SWPPP notes that application of the BFM began on October 2, 2013). When I noted that the BFM had obviously failed in many, if not most, locations, Ms. Hardy explained that a rain-on-snow event involving above average rainfall in early March 2014 had caused the failure. She noted that the unexpected and unplanned for

rain event led to groundwater seepage from the steep slopes in unexpected areas. It was this seepage, according to Ms. Hardy, that caused the BFM to separate from the slope faces which, in turn, led to slope failures at various locations throughout the project area. It is worth noting that photographs from the site, provided by June Bergquist, (see Photos 11-13) indicate that the BFM began separating from the slope faces in certain locations as early as October 10, 2013.

I had previously met Shelly Gilmore (RPU and Apollo subcontractor) at a stormwater workshop held in Post Falls, Idaho (near Coeur d' Alene). I knew that Ms. Gilmore was familiar with the challenges associated with erosion and sediment control in the Lake Coeur d' Alene area. In response to Ms. Hardy's comment concerning the use of vegetative stabilization to provide for final stabilization at the end of the 2013 construction season, I asked Ms. Gilmore if, in her opinion, vegetative stabilization could reasonably be expected to establish itself, during the winter months, on steep slopes such as those found throughout the Burma Road project area. Ms. Gilmore acknowledged that it was very difficult to establish final vegetative stabilization on steep slopes with a rocky substrate and very little topsoil (conditions that exit throughout the Burma Road project area).

Note: Section 3.1 of the Burma Road SWPPP – ***Project/Site Information*** (page 6) includes the following information from the subsection on **Slopes**: "*The outer slopes along the existing road cut and foreslope are severely eroded and overly steepened in many locations. A very narrow, shallow, and sometimes non-existent ditch is located along the uphill side of the road. There is evidence of seepage out of the cut slope at many locations. The existing cut slopes are very steep and exhibit slope failures and sloughing or eroding material from the cut slope into the ditch during wetter seasons*." Section 1.3 of the Burma Road SWPPP (page 1) notes that the project will adhere to the Erosion Control standard specifications outlined in ITD's Best Management Practices Manual (available online at http://itd.idaho.gov/enviro/Stormwater/BMP/default.htm) including subchapter EC-1; ***Scheduling and Sequencing of Construction Activities***. This subchapter provides detailed information on applicability and recommendations for minimizing the amount of disturbed soil in sensitive areas. There is very little evidence to suggest that these recommendations, clearly applicable, were followed on the Burma Road project.

V.E. Design Plan Reviews

I asked the operators if any qualified individuals or agencies familiar with the special concerns associated with road construction projects involving the steep slopes in the Coeur d' Alene area had been provided with an opportunity to review and comment on the design plans developed by JUB. If so, I asked about any concerns that may have been expressed.

Ms. Hardy indicated that ITD had reviewed the plans and did express some initial concerns. According to Ms. Hardy, the final design plans had been modified to address

ITD's concerns and comments. When I asked if IDEQ had reviewed the plans as part of their CWA 401 certification, Ms. Hardy noted that June Bergquist had reviewed the plans and had also expressed some concerns. Ms. Hardy said that LHTAC believed that the finalized plans, plans that were based on geotechnical information provided by Terracon and incorporated ITD's comments, were sufficient to address IDEQ's concerns.

Note: As a follow-up to this inspection, I requested and have been provided with copies of the geotechnical reports and documents prepared by Terracon for LHTAC. The limited time I have spent reviewing these documents would seem to suggest that the presence of seeps throughout the project area was well known. I have provided copies of the Terracon documents on the "***Burma Road CGP/CEI***" CD (dated 03/25/2014) prepared in conjunction with this inspection report. Copies are also available in the Burma Road folder associated with this inspection on the share drive.

V.F. Corrective Action Response

The Corrective Action requirements in Part 5 of the CGP specify a number of actions that that must be implemented to "repair, modify, or replace any stormwater control used at the site" that proves to be inoperable. Part 5 also imposes a specific time frame for completing repairs or modifications. The extensive slope failures on the Burma Road project suggested that the existing stormwater control measures had failed in a dramatic fashion. Though the most significant failures appear to have occurred in early March 2014, failures in some areas became apparent as early as mid-January. I asked the operators if any individuals or contactors with erosion and sediment control experience had made any recommendations for addressing the slope failures (recommendations that could have been implemented within the 7 day timeframe specified in the Part 5 of the CGP) that were not implemented.

- Karissa Hardy told me that LHTAC had always been committed to doing everything possible to address the erosion problems at the site and, as the funding administrator, had approved all the recommendations made to address the slope failures. She stressed that the expenditures authorized by LHTAC were substantial.

- Jon Pankratz told me that he was not aware of any recommendations or remedies that had not been implemented.

- The Apollo representatives offered little information to add to this part of the discussion.

VI. <u>SWPPP Review</u>

The Burma Road SWPPP utilizes a SWPPP template developed by ITD as part of the Consent Decree associated with the Mica Bay incident. The ITD template is very thorough and includes a wide range of forms to be filled out (e.g., inspection forms,

corrective action forms, amendment log, training log, etc.) to satisfy the requirements of the CGP. When used by entities other than ITD, the ITD SWPPP template and its forms can be somewhat confusing since it employs terms and references specific to ITD and/or AGC - The Associated General Contractors for America (e.g., Water Pollution Control Manager, Resident Engineer, ITD Compliance Certification, etc.).

The Burma Road SWPPP is a massive document (probably more than 1000 pages in length). During my initial on-site review of the document, I noted that it was very comprehensive and appeared to contain most of the information required by the CGP. During the brief time I spent reviewing the document on-site, I noted the following deficiencies:

- **Lack of training documentation**. Though the training log identified individuals that had received training; noted the dates of initial training; and provided a citation referring to an ITD database containing training information, the training log in the SWPPP reviewed at the time of the inspection did not provide any information relating to the course content. It did not provide any documentation that the topics required by Part 6 of the 2012 CGP had been addressed during the training. Many of the training dates noted in the log dated back 5-10 years in the past. The log provided little or no information relating to training updates.*

- **Failure to comply with the Corrective Action Requirements contained in Part 5 of the CGP**. Stormwater Compliance Inspection report number 66, conducted on 1/22/2014, identified slope failures at three stations: 47+60, 66+00, and 71+40 (see Appendix E). The report notes that corrective actions were completed at the first two stations the same day as the inspection. The report also notes that the repairs to station 71+40 would be completed by 1/29/2014. Reports 67 through 69 (mistakenly marked as #68), dated 1/29/2014 through 2/12/2014, note that "A repair date has yet to be determined but will be in the near future" with respect to the slope failures at station 71+40. Subsequent inspection reports, up to and including the last inspection report developed prior to my inspection (number 78, dated 3/19/2014), fail to note any repairs or modifications at station 71+40. Part 5.2.1 of the CGP notes that "*If it is infeasible to complete the installation or repair within 7 calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7 calendar day timeframe and document your schedule for installing the stormwater control(s) and making it operational as soon as practicable after the 7-day timeframe*". The SWPPP appears to lack any definitive plans or schedule for implementing repairs to address specific slope failures.

* Given the size of the Burma Road SWPPP, I knew I would not have time to conduct a detailed review of the document during the on-site inspection. I asked Ms. Hardy to provide me with a copy. Ms. Hardy stopped by the EPA Idaho Operations Office the week after the inspection to deliver the copy of the

SWPPP I had requested. The training documentation that was absent from the SWPPP at the time of the on-site portion of the inspection was included in the copy delivered to me by Ms. Hardy.

VII. Site Tour

Upon completion of my on-site review of the SWPPP, I requested a tour of the Burma Road project starting from the junction with SH 97 up to the intersection with Gotham Bay Road. As we were preparing to leave for the tour, June Bergquist (IDEQ) arrived at the site. Soon after Ms. Bergquist's arrival, at approximately 2:00 pm, we left the construction office area and drove down to the SH 97 junction near the shore of Lake Coeur d' Alene. Vehicles and drivers were provided by Apollo and DEA.

The slope failures and the efforts to address the failures were obvious throughout the length of the project (see Photos 27-47). Vast areas where the BFM had separated from the slope faces had been covered with visqueen to minimize the impact of raindrop/splash erosion. With the notable exception of the E. Litten Lane cut slope, saturated soils had been excavated from many of the slopes where worst seepage and slope failures had occurred. The slope excavations were refilled and armored with rock (see Photos 30, 32, 35). In at least one location, the slope failure and subsequent repair work required the re-stabilization of a utility pole that was in danger of falling over.

One of the most problematic areas observed during the site tour (conducted primarily on foot starting from the west end of the project at the intersection with SH 97) involved the steep cut slope along the entrance to E Litten Lane. According to the stormwater inspection reports, this slope has exhibited extensive slope failure since January, 2014 at the latest. Project engineers claim that the slope is currently too unstable to safely implement a long-term solution (there may also be an easement issues since so much of the slope has sloughed off ; any long-term fix will likely require the removal of soil to reduce the angle of the slope which will, in turn, require the acquisition of property rights beyond the existing slope). As a temporary measure, "eco-blocks" (large concrete barriers made from left-over or unused concrete) have been placed along the toe of the slope to keep soil from inundating E. Litten Lane. The slope face was hydroseeded the very day of this inspection; the E. Litten Lane slope was bare when I passed it on the way to the construction site office in the morning but it was coated with the green hyroseed material by mid-afternoon. Portions of the slope had already begun to show signs of slope failure by the time the tour began (see Photos 41 and 44). A major slope failure at E. Litten Lane could result in the discharge of significant amounts of sediment to Turner Creek.

A little past the mid-point of the tour, while we were in the vicinity of the intersection with Carlin Bay Road (near the location of the temporary Burma Road construction office), June Bergquist and Tony Davis were driven back to the construction office to pick up Ms. Bergquist's vehicle so she and Tony could return to Coeur d' Alene.

As we reviewed the many slope failures that had occurred and the obvious need for

additional maintenance and repair, I asked those present if there were any corrective measures that were not currently being employed that could readily be implemented to prevent further erosion and to minimize future slope failures at the site. John Oldham and Brett Brown (Apollo) noted that the addition of more rock to some of the slide areas would help armor and stabilize the site. I asked if these materials were available. The Apollo representatives indicated that rock was available nearby. This was confirmed by Ms. Hardy.

As the tour progressed, I observed the areas on the upper portion of the Burma Road project where a soil nail wall and a mechanically stabilized earth (MSE) wall are being constructed to control erosion on some of the steeper, more sensitive slopes near the upper end of the project (these structures were part of the original Burma Road plan design). Upon completion of the tour, we returned to the construction office to conduct a closing conference.

VIII. Closing Conference

At the beginning of the closing conference, I noted that it seemed to be well known from the early stages of the Burma Road project that the steep slopes throughout the project area posed significant erosion and sediment control challenges in addition to inherent slope stability issues. Given the known presence of groundwater seeps and the history of slope failures associated with road construction in the area, it seemed apparent that more could have/should have been done to anticipate the erosion problems and to minimize the steep slope disturbances. I mentioned that it was hard to imagine that there could have been any reasonable expectation that vegetative stabilization, applied at the end of October, would take hold on the steep, rocky slopes over the course of the upcoming winter months. I expressed concerns about the potential failure to implement corrective actions at the site and/or the failure to document why it was infeasible to implement corrective actions within the time frame specified in Part 5 of the CGP. To prevent any further discharges to Turner Creek or to Lake Coeur d' Alene from the Burma Road project, I suggested that the operators implement any feasible corrective actions necessary to stabilize the site and prevent further erosion and slope failure. When asked if this meant the addition of rock armor to help stabilize some of the slopes, I replied that armoring sounded like a viable option but that it was not my role to dictate the use of any particular control measure. I did stress the importance of implementing any feasible corrective actions as soon as possible, as required by Part 5 of the CGP, to prevent or minimize any further erosion that could potentially lead to additional discharges of sediment to Turner Creek.

After discussing the slope failure issues, I noted two additional areas of concern I had identified during my brief review of the SWPPP: insufficient training documentation for all members of the stormwater team and an apparent failure to comply with the corrective action requirements outlined in Part 5 of the CGP. I also requested a complete copy of the project SWPPP from Ms. Hardy.

All the operators (LHTAC and Apollo in particular) had questions concerning the next

step in the compliance inspection process. They were also very interested in knowing what the dollar amount associated with any fines or penalties might be. I explained that my role as an inspector was solely to record my observations and document them in a report that would eventually be passed on to the NPDES Compliance Unit (NCU) in Seattle. It would up to the NCU, I explained, to determine if there were any violations of the CGP and, if so, any enforcement action(s) that might be warranted. I also explained that it could be a matter of months before any such determination would be made.

I invited the operator representatives to contact me if they had any questions about the inspection and thanked them for their time. I left the site shorty after 5:30 pm.

IX. Areas of Concern

The following areas of concern were noted during the course of this inspection:

1. **Failure to minimize the disturbance of steep slopes**. Part 2.1.2.6 of the CGP requires the site operator(s) to minimize the disturbance of steep slopes. Quoting from the CGP: "*in cases where steep slope disturbances are required, minimizing the disturbances…can be accomplished through the implementation of a number of standard erosion and sediment control practices, such as by phasing disturbances to these areas and using stabilization practices designed to be used on steep grades*". ***Phasing***, in the context of the CGP (or ***sequencing*** as it is referred to in subchapter EC-1 of ITD's ***Best Management Practices Manual)***, typically involves breaking the project down into smaller, more manageable sections (or "phases") of soil disturbance with each phase partially completed (e.g., implementation of final stabilization measures) before moving on to the next phase. Section 3.3, ***Nature of the Construction Activity***, of the Burma Road SWPPP specifically notes that no more than 4 acres of soil will be disturbed at one time (p.10). It appears that the only attempts that were made to adhere to the 4 acre limit involved the frequent application of mulch to stabilize disturbed areas. This was recognized and identified in the Log as a temporary stabilization measure. Starting with inspection report number 30 (08/02/2013), the stormwater inspector(s) routinely noted that heavy rains washed the mulch from the slope faces.

   On Thursday, May 8, 2014 I called Brett Brown (Apollo) to ask about the stormwater inspections conducted during the winter shutdown. He told me they (Apollo) had continued conducting stormwater inspections on the regular inspection schedule. Mr. Brown also told me that the original project schedule did not call for final stabilization until October 30, 2013. Because of the slope failure problems that developed near the end of September 2013 and the fact that it was clear that the project would not be finished by the end of the construction season in October 2013, the decision was made to begin final stabilization on October 2, 2013. Prior to this time, the disturbed soils throughout the 28 acre site were essentially unstabilized. It does not appear that any special

"…***stabilization practices designed to be used on steep grades***" were ever implemented (or were going to be implemented) until the end of the project or the end of the construction season.

During the opening conference, Ms. Hardy had claimed that final stabilization, involving the application of the seed-imbedded BFM, did satisfy the Part 2.1.2.6 requirement to employ stabilization practice designed for steep grades. When I asked her how well the final stabilization practice had worked, she claimed that it would have been successful had it not been for the heavy rain-on-snow event that occurred on or about March 5, 2014. Ms. Hardy and Mr. Suhr (DEA) provided me with a number of local newspaper articles describing the intensity of the March 5, 2014 rainfall event. It was this event, according to Ms. Hardy, that led to the failure of the BFM and any subsequent slope failures.

Beginning with stormwater inspection report number 50 (11/08/2013) from the Burma Road SWPPP, I noted that slope failures continued to be reported on a regular basis **after** the application of the BFM. Report 65 (01/15/2014) notes that "***Numerous slope failures throughout project have been noted to expand and worsen***…" Other noteworthy inspection comments include the following:

- Report 71 (02/19/2014), Section 5 – "*Temporary erosion control measures on the slopes throughout the project are failing. BFM is losing and/or has lost its effectiveness."* From Section 6 – *"Many areas of saturated slopes show signs of near future failures. A proactive approach should be taken to prevent further damage*.

- Report 72 (02/25/2014), Section 6 – "*Hydro mulch (BFM) has and/or is losing its effectiveness. Has washed down slopes revealing bare soils beneath. Erosion controls need provided in these areas to prevent further damage to the slopes…*"

The two reports noted above were conducted during or soon after rainfall events in February 2014. This would suggest that the BFM was well on its way to failure (as a final stabilization measure) before the March 2014 event described by Ms. Hardy. It is conceivable that the BMF might have worked if it had been applied sequentially upon completion of each 4 acre section of the project. The failure of the BFM, when applied to the steep, rocky slopes, slopes with little topsoil and known seepage issues, at the very end of the construction season, seems inevitable. While the worst failures appear to have occurred on or about March 5, 2014, failure of the BFM in some locations became apparent within days of its application in October 2013. It does not appear that the operators made any serious effort to comply with the Part 2.1.2.6 requirement to minimize the disturbance of steep slopes. Furthermore, it would appear that this lack of effort played a major role in the slope failures that occurred on the site.

2. **Failure to comply with Corrective Action Requirements**. Part 5 of the CGP outlines corrective actions that must be implemented within a specific time frame. Corrective actions are actions the operator(s) must take in compliance with Part 5 to:
    - Repair, modify, or replace any stormwater control used at the site;
    - Clean up and properly dispose of spills, releases, or other deposits; or
    - Remedy a permit violation.

    When corrective actions are warranted, Part 5.2.1 of the CGP requires the operator(s) to "…*install a new or modified control and make it operational, or complete the repair, by no later than 7 calendar days from the time of discovery.* ***If it is infeasible to complete the installation or repair within 7 calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7 calendar day time frame and document you schedule for installing the stormwater control(s) and making it operational as soon as practicable after the 7-day time frame*** [emphasis added]".

    During my review of the Burma Road SWPPP, I noted that slope failures were observed at three separate stations during a site inspection conducted by Jeremy Jenkins and Teresa Neumann on 1/22/2014. These observations were noted on Stormwater Compliance Inspection report number. The slope failures were noted at stations 47+60, 66+00 and 71+40. The report notes that corrective actions were completed at the first two stations the same day as the inspection. With respect to station 71+40, the report notes "*A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair the area will result in a near future failure*". The date to be completed is listed as 1/29/2014. Reports 67 through 69, dated 1/29/2014 through 2/12/2014, note that "*A repair date has yet to be determined but will be in the near future*" with respect to the slope failures at station 71+40. Subsequent inspection reports, up to and including the last inspection report developed prior to my inspection (number 78, dated 3/19/2014), fail to note any repairs or modifications at station 71+40.

    In this particular instance, the inspection reports make it clear that the operators did not implement immediate corrective action to address the slope failure at station 71+40. The brief notation recorded in subsequent reports also make it clear that corrective actions were not implemented within the 7-calendar days required by Part 5 of the CGP. At the time of this inspection, I could not locate, and the operators could not produce, any documentation that would explain why it was infeasible to complete repairs (slope stabilization) within the 7-calendar day timeframe. Similarly, at the time of the inspection, I could not locate, and the operators could not produce, a schedule documenting when repairs would take place.

    During a more in-depth review of the Burma Road SWPPP, I came across a number of instances involving erosion and sediment control requiring maintenance that were not addressed within the timeframe specified in Part 5 of

the CGP. Stormwater inspections reports 41 through 51, dated, 09/30/2013 through 11/13/2013, are all marked with the following notation: "*All maintenance requirements noted in the **previous** inspection report **have not been** satisfactory completed.*"

3. **Lack of training documentation**. Part 6 of the CGP outlines a number of specific training requirements applicable to members of the project's stormwater team. Part 6 also describes specific topics that must be addressed as part of the required training. At the time of this inspection, the training records in the Burma Road SWPPP identified the individuals who had received training and the date when the training had occurred. The operators were unable to provide any documentation describing the training content. The content and additional training documentation was included in the copy of the SWPPP provided to me by Karissa Hardy the following week.

Burma Road – Gotham Bay Road to Junction SH 97
Local Highway Technical Assistance Council/
East Side Highway District/
Apollo, Inc.

Report Completion Date: 05/21/2014

Inspector:

Patrick Stoll, EPA/R10/IOO
Lead Inspector

Appendix A

Burma Road Photo Log

Burma Road; Gotham Bay Road to Junction SH 97 – Photo Log
CGP Compliance Evaluation Inspection; March 25, 2014

Inspection site or facility name:	Burma Road Gotham Bay Road to Junction SH 97
Physical Location:	Burma Road, Mile Post 100 to 102.79 Coeur d' Alene, ID (east side of lake)
NPDES ID #:	IDR12C962, IDR12C968, and IDR12C974
Type of Inspection:	CGP Compliance Evaluation Inspection
Date of Inspection:	March 25, 2014
Inspector(s):	Patrick Stoll, EPA/R10/IEMU/IOO Tony Davis (SEE Employee), EPA/R10/IEMU
Image capture device:	Panasonic Lumix DMC-TS4
Location where original/archived images are stored:	Shared Drive: CDBS > APPS > OCE > IEMUnit > Stoll > CGP > Burma Road > Burma Road_Archive_Photos
Original file type, pixel dimensions, and file #s, (assigned by camera):	JPG; 4000 x 3000 pixels; Image numbers P1000410 through P1000453
Folder name for resized images and pixel dimensions (for use in Photo Log):	Burma Road_LowRes ; 800x600 pixels
Photo Log Image ID #s:	Images numbered: 1-51
Digital images recorded by:	Patrick Stoll unless otherwise noted (i.e., Google Earth, June Bergquist, Karissa Hardy)
Drainage/flow direction:	

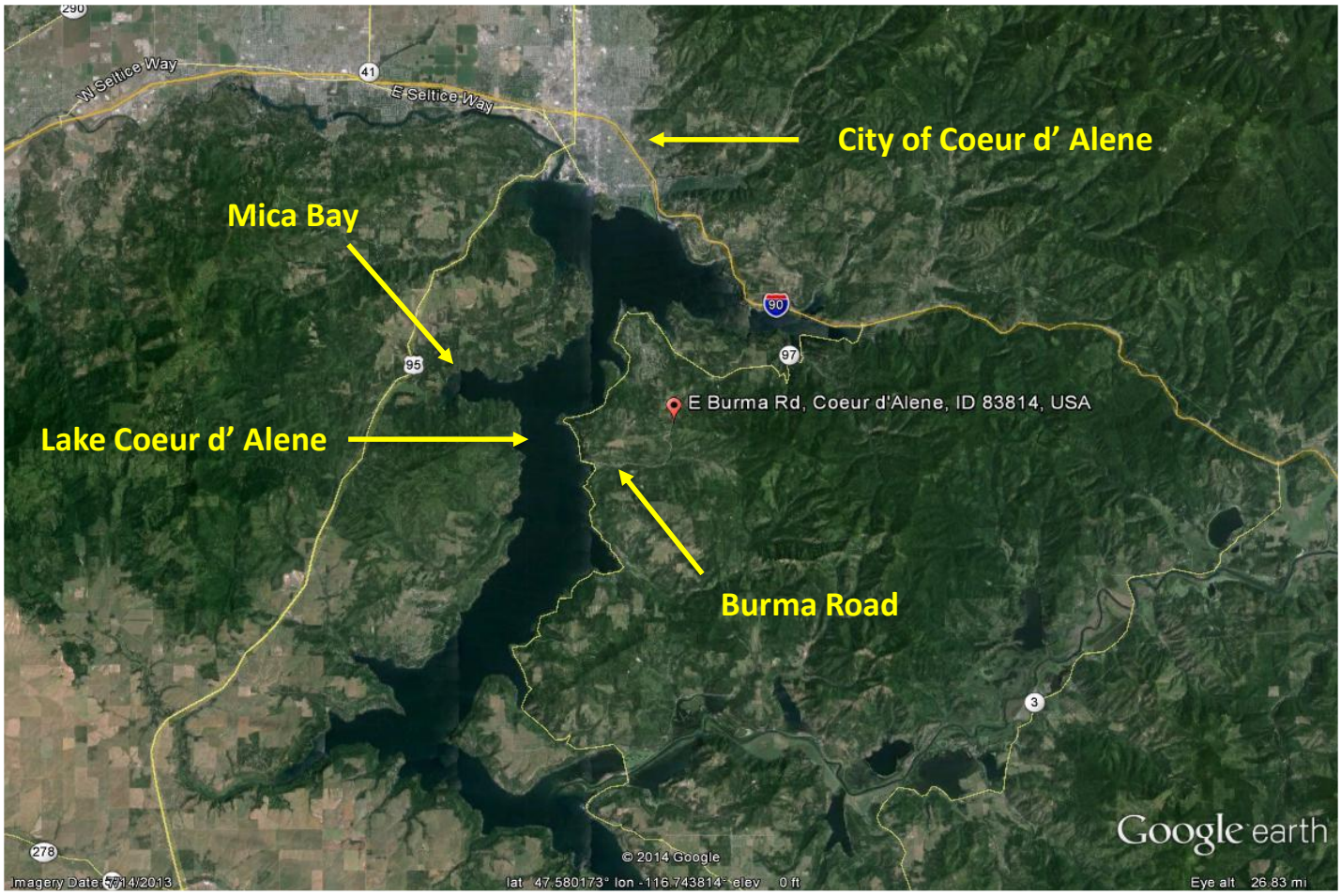

Photo No. 1 – from Google Earth Pro (imagery date 07/14/2013)
Overview of Lake Coeur d' Alene and surrounding area

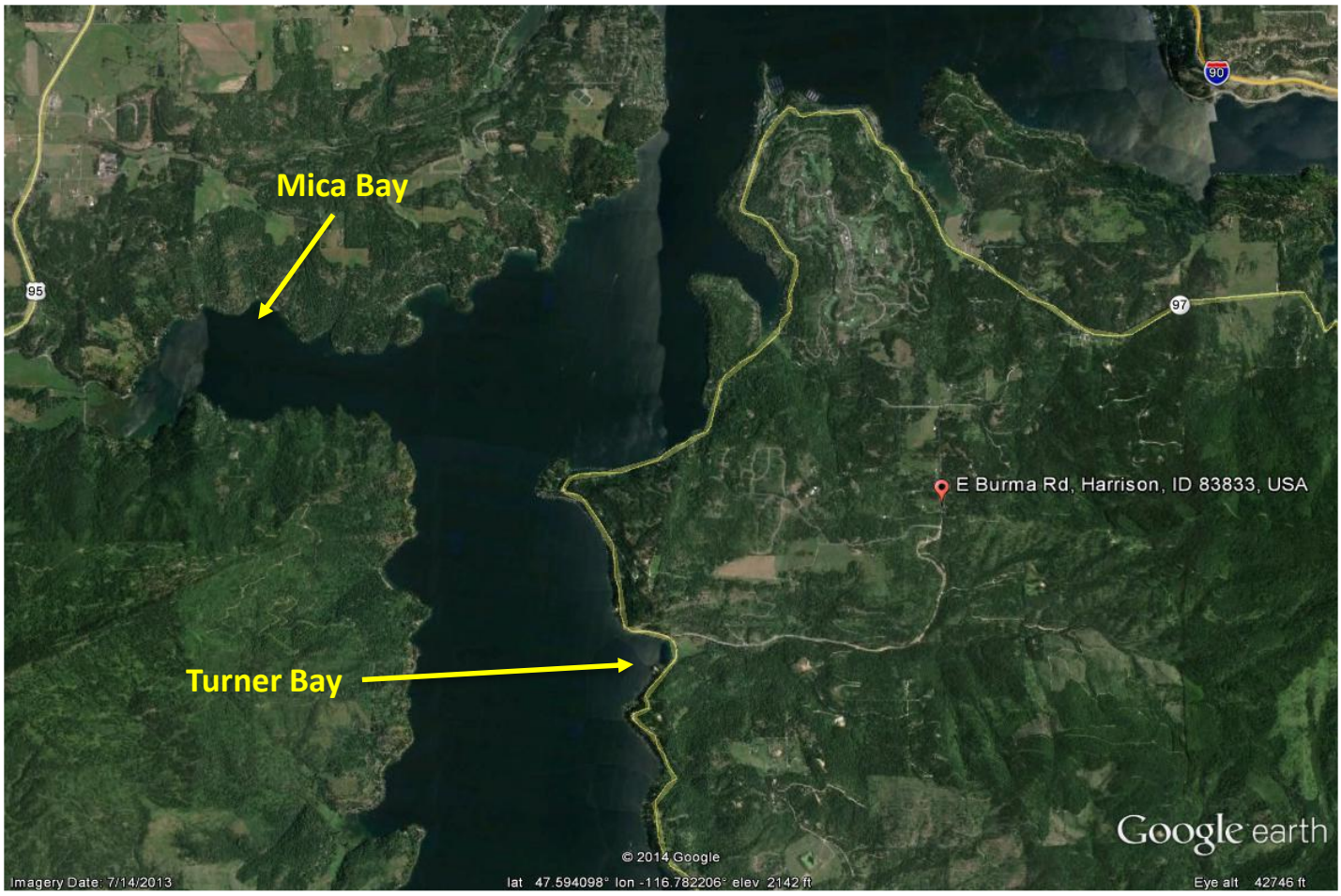

Photo No. 2 – from Google Earth Pro (imagery date 07/14/2013)
Lake Coeur d' Alene and Turner Bay

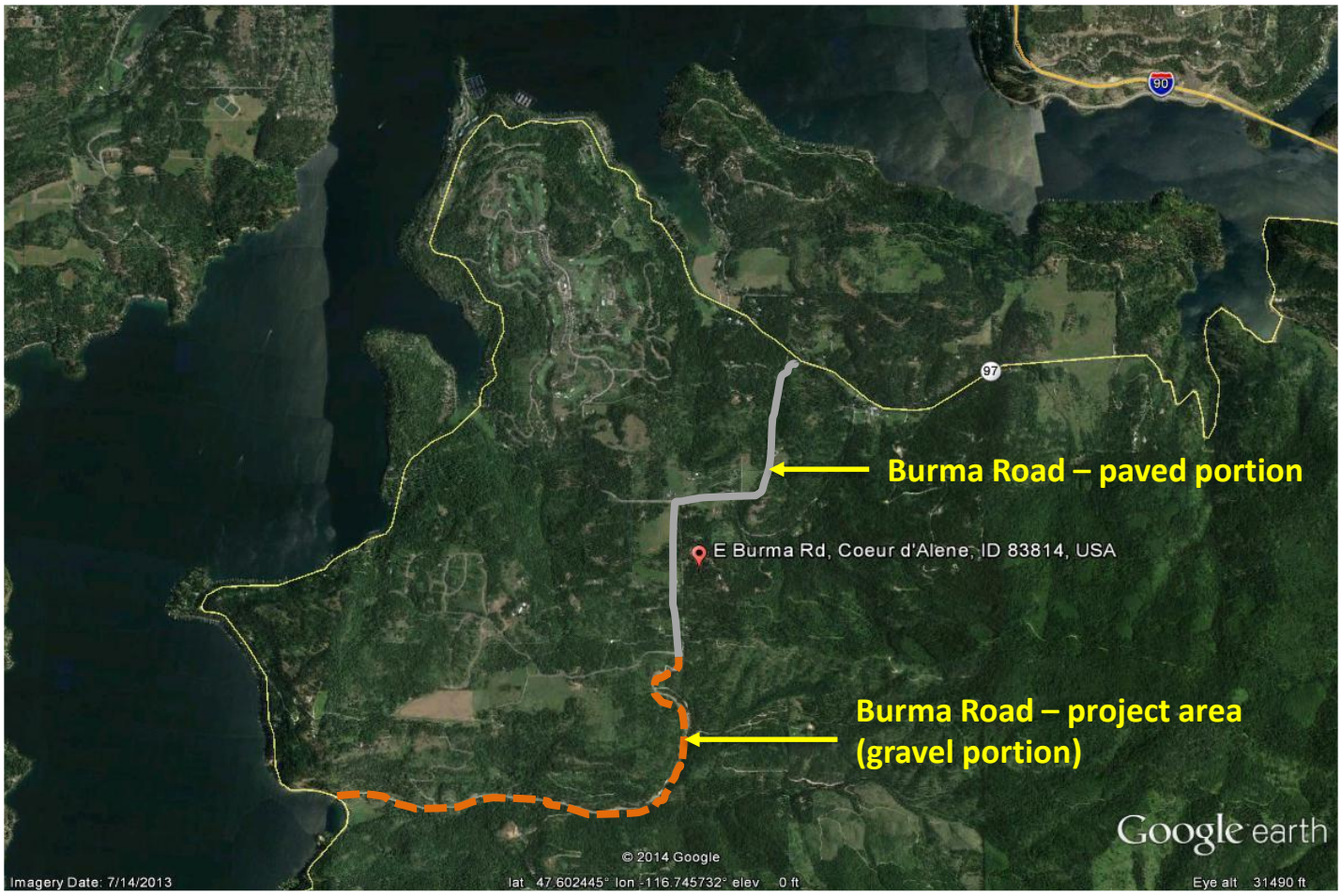

Photo No. 3 – from Google Earth Pro (imagery date 07/14/2013)
Burma Road details

Burma Road; Gotham Bay Road to Junction SH 97 – Photo Log
CGP Compliance Evaluation Inspection

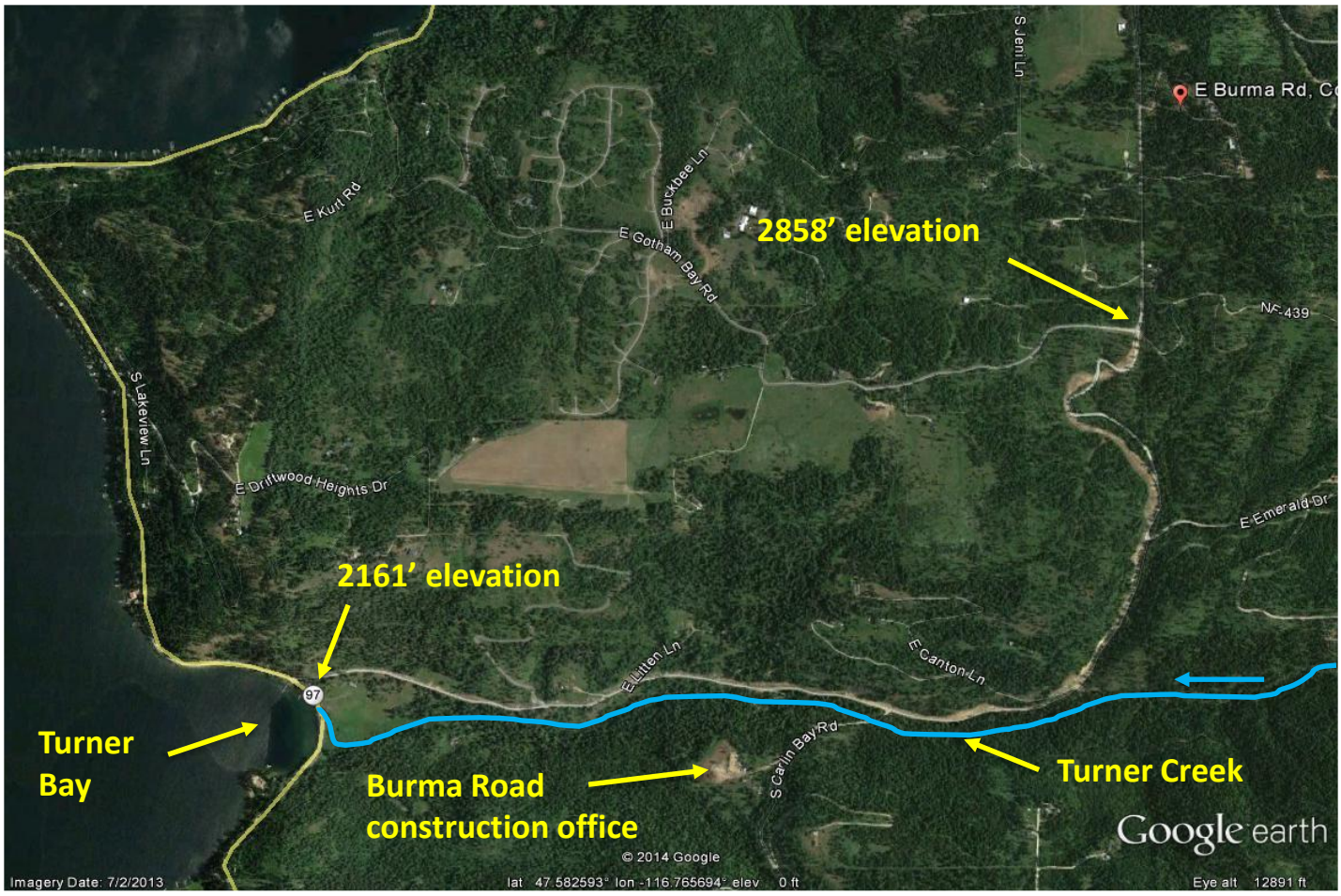

Photo No. 4 – from Google Earth Pro (imagery date 07/14/2013)
Burma Road and Turner Creek

Photo No. 5 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013
"Failed sloped with tackifier and mulch"

Photo No. 6 - Photo from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013

Photo No. 7 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Project discharge at Turner Creek"; according to Karissa Hardy (phone conversation on 05/08/2014), this is not actually direct runoff from the project but the confluence of Turner Creek and an unnamed tributary that does convey runoff from the project.

Photo No. 8 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013 "Turner Creek at mouth of Lake Coeur d' Alene"

Photo No. 8a – Photo by June Bergquist; 9/30/2013
Turner Creek at SH 97 bridge

Photo No. 8b – Photo by June Bergquist; 9/30/2013
Turner Creek discharge into Turner Bay/Lake Coeur d' Alene

Photo No. 9 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013
“Turner Bay at Lake Coeur d’ Alene”

Photo No. 10 - Photo and description from report by Karissa Hardy, Rain Event 9/28/2013 – 9/30/2013
“Failed slope near Lake Coeur d’ Alene” at junction of Burma Road and SH 97 (PS)

Photo No. 11, Photo by June Bergquist; 10/10/2013
Slope failure, post BFM application, near junction with SH 97

Photo No. 12, Photo by June Bergquist; 10/10/2013
Additional slope failure, post BFM application, east of junction with SH 97

Photo No. 13, Photo by June Bergquist; 10/10/2013
Saturated soil and slope failure east of E. Litten Lane

Photo No. 14, Photo by June Bergquist; 10/10/2013
Soil nail wall and BFM coated slope at Canton Lane

Photo No. 15, Photo by June Bergquist; 03/07/2014
Plume from Turner Creek into Turner Bay/Lake Coeur d' Alene; facing SE

Photo No. 16, Photo by June Bergquist; 03/07/2014
Plume from Turner Creek into Turner Bay/Lake Coeur d' Alene; facing SW

Photo No. 17, Photo by June Bergquist; 03/07/2014
Seeps discharging from bank; all BFM appears to have sloughed off the face of the slope.

Photo No. 18, Photo by June Bergquist; 03/07/2014
More evidence of slope failure – minimal BFM remaining at the top of the slope.

Photo No. 19, Photo by June Bergquist; 03/07/2014
Visqueen on slope

Photo No. 20, Photo by June Bergquist; 03/07/2014
BMF and slope failure; this utility pole eventually required restabilization.

Photo No. 21, Photo by June Bergquist; 03/07/2014
Slope failure at E. Litten Lane – note beginning of new separation at crest.

Photo No. 22, Photo by June Bergquist; 03/07/2014
Turbid stormwater discharge from roadside ditch to vegetative buffer before Turner Creek.

Photo No. 23, Photo by June Bergquist; 03/14/2014
Turbid runoff in ditch on north side of the road; this runoff would flow into a ditch on the east side of SH 97. Operators claimed all water seeped into ditch. (statement to Stoll on 03/25/2014).

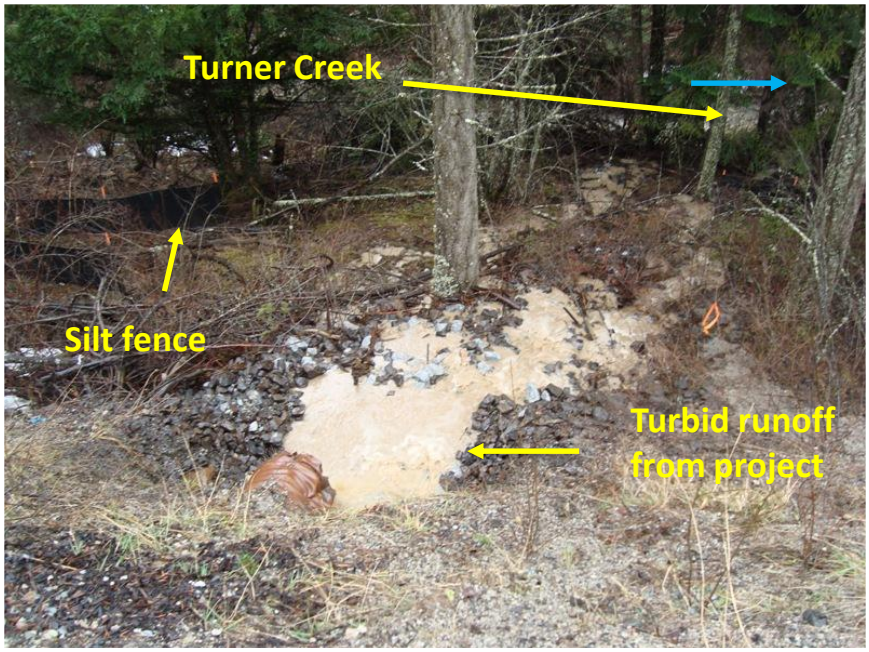

Photo No. 24, Photo by June Bergquist; 03/14/2014
Turbid stormwater runoff from project flowing to vegetative area above Turner Creek

Photo No . 25 (P1000410)
Facing south on Highway 97; ditch conveys some stormwater from the Burma Road project; at high flow, stormwater runoff has flowed across the highway with potential discharge to Lake Coeur d' Alene.

Photo No. 26 (P1000412)
Facing east – the beginning of the Burma Road project.

Photo No. 27 (P1000413)
Facing NE – the first steep slope at the beginning of the project; note remnants of the failed bonded fiber matrix (BFM).

Photo No. 28 (P1000414)
The black plastic pipe conveys water from seeps in the upper cut to rock-lined ditch; rock armors part of slope where BFM has sloughed off; visqueen protects slope from rain/splash impact.

Photo No. 29 (P1000415)
Facing west – the road junction and start of project (Photos 26-26) lies just below the crest of the road; Lake Coeur d' Alene is visible in the background.

Photo No. 30 (P1000417)
Facing west – a short distance from the start of the project, the BFM is holding on some of the shallower slopes; the rock armor fills in a location where saturated soil was removed from a significant seep.

Photo No. 31 (P1000420)
Facing east – the BFM has failed throughout this section; the visqueen (plastic) is intended to protect the bare slopes from direct rain impact to prevent splash erosion.

Photo No. 32 (P1000421)
Facing northwest – the rock armor was installed to replace saturated soil in area of a significant seep; the visqueen was applied later after failure of the BFM.

Photo No. 33 (P1000422)
Facing northeast – one of the many areas where the BFM has washed away from the slope face.

Photo No. 34 (P1000423)
Facing northwest – erosion and slope failure threatens the integrity of this utility pole.

Photo No. 35 (P000424)
Facing north – slope failure (in area where rock armor has been applied) threatened the integrity of this utility pole; the utility company has stabilized the pole.

Photo No. 36 (P000426)
Facing southeast – this slope is at the base or entrance to Skyview Lane; the first of three private roads leading into Burma Road from the north.

Photo No. 37 (P1000429)
Facing west – this is the far end of the slope noted in the previous photo.

Photo No. 38 (P1000430)
Facing southeast – traveling east on Burma Road, this slope is on the approach to the second private road - E. Litten Lane. This area has experienced some of the worst of the slope failures.

Photo No. 39 (P1000431)
Facing east – approaching E. Litten Lane and the worst of the slope failures.

Photo No. 40 (P1000432)
Facing east – Burma Road drops and curves to the right, E. Litten Lane curves to the left. The green area was hydroseeded between the time I first arrived at the site and the time of the site tour.

Photo No. 41 (P1000433)
Facing northwest – the slope failure at E. Litten Lane appears to a an almost continuous and ongoing occurrence. The green hydroseed was applied just a few hours before the site tour.

Photo No. 42 (P1000435)
Facing east – the concrete “ecology” blocks have been placed all along the toe of the slopes along the E. Litten Lane area in an effort to hold back the unstable soils.

Photo No. 43 (P1000437)
Facing northeast – this is the unstable slope along E. Litten Lane. According to the operators, fissures forming along the top of the slope (parallel with the crest) suggest that additional failures are imminent.

Photo No. 44 (P1000439)
Facing southwest – this is the far end of the E. Litten Lane slope. The operators claim that the slope must dry out before it is safe to repair it. Since the top of the slope has eroded back to the border of the current easement, property purchase may be necessary before final repairs can be made.

Photo No. 45 (P1000442)
Facing east – the eroded slopes along Burma Road east of the junction with E. Litten Lane.

Photo No. 46 (P1000444)
Facing east – the eroded slopes along Burma Road east of the junction with E. Litten Lane.

Photo No. 47 (P1000445)
Facing north – rock armoring and visqueen used to control erosion on slopes throughout the site.

Photo No. 48 (P1000449)
Facing west southwest – Turner Creek flows through new culvert installed below Carlin Bay Road as part of the Burma Road Project. The freshly cut banks along the creek were eroded during the winter rainfall events.

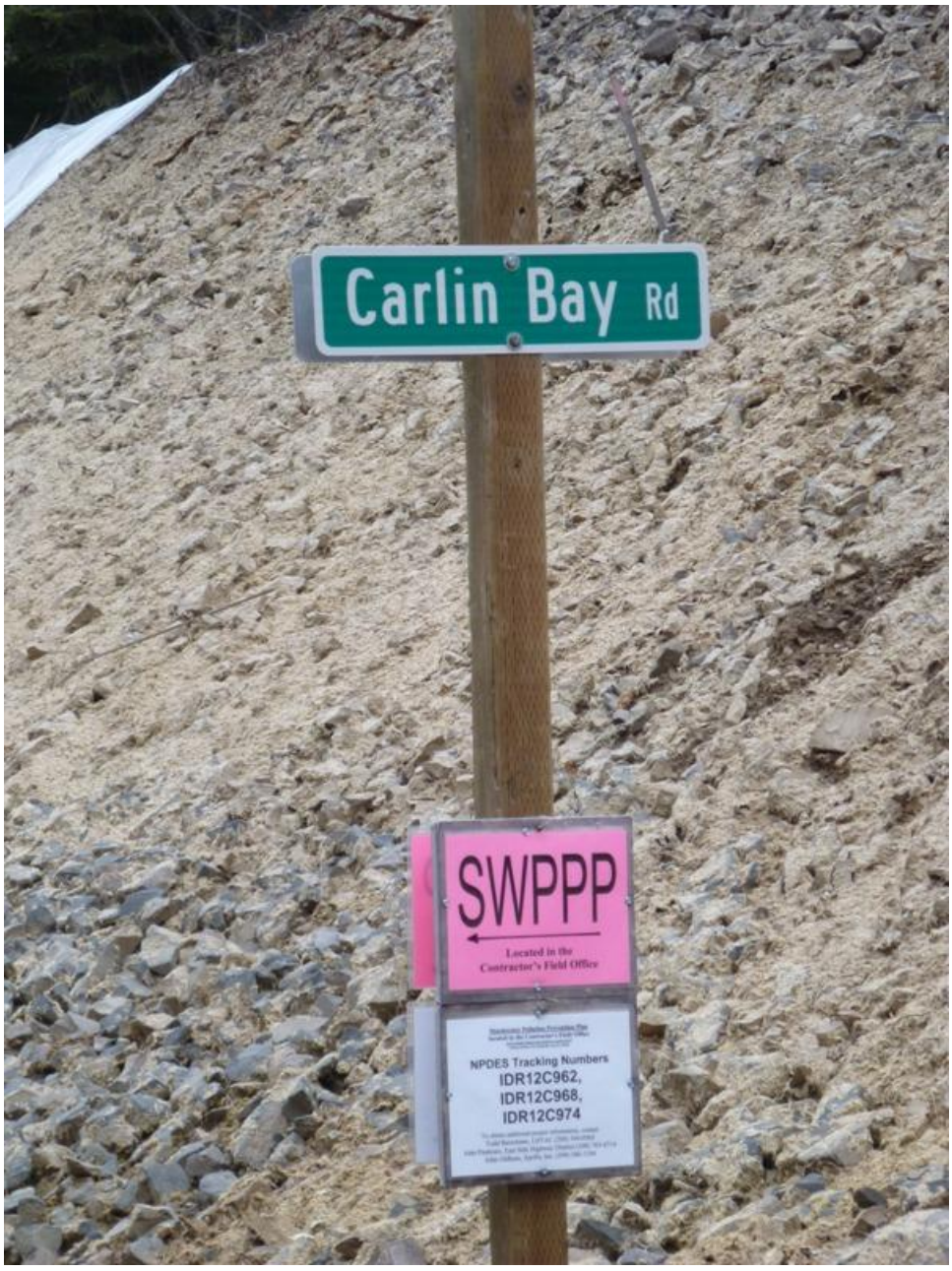

Photo No. 49 (P000450)
Facing west northwest – the SWPPP notice posted on the north side of Burma Road across from the junction with Carlin Bay Road noted in the previous photo.

Photo No. 50(P1000451)
Facing southwest – water flowing from the seeps in the slope is retained in the visqueen near the upper portion of the project.

Photo No. 51 (P1000452)
Facing northeast – the soil nail wall is shrouded in visqueen near the upper portion of the Burma Road project.

Appendix B - eNOIs

NPDES FORM 3510-9		UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT	Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

I. Approval to Use Paper NOI Form

Have you been given approval from the Regional Office to use this paper NOI form*? ☐ Yes ☐ NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

*** Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.**

II. Permit Information: Tracking Number (EPA Use Only) IDR12C962

Permit Number: IDR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: Local Highway Technical Assistance Council

Phone: 208 344 0565 Fax (Optional): 208 344 0789

Email: jmiles@lhtac.org

IRS Employer Identification Number (EIN): 82-0482759

Point of Contact (First Name, Middle Initial, Last Name): Jeff Miles

Mailing Address:

Street: 3330 Grace Street

City: Boise State: ID Zip: 83703

NOI Preparer (Complete if NOI was prepared by someone other than the certifier):

Prepared by (First Name, Middle Initial, Last Name): Karissa Hardy

Organization: LHTAC

Phone: Fax (Optional):

E-mail: khardy@lhtac.org

IV. Project/Site Information

Project/Site Name: Burma Road; Gotham Bay Road to Junction SH 97

Project/Site Address:

Street/Location: Burma Road, MP 100 to 102.79

City: Coeur d'Alene State: ID Zip: 83864

County or similar government subdivision: Kootenai

For the project/site for which you are seeking permit coverage, provide the following information:

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude	1. 47,35,11	N(degrees, minutes, seconds)	Longitude	1. 116,44,40	W(degrees, minutes, seconds)
	2. _____	N(degrees, minutes, decimal)		2. _____	W(degrees, minutes, decimal)
	3. _____	N(degrees, decimals)		3. _____	W(degrees, decimals)

Latitude/Longitude Data Source: ☐ U.S.G.S topographical map ☐ EPA Web Site ☑ GPS ☐ Other:_____

If you used a U.S.G.S. topographic map, what was the scale?

Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 or WGS 84 ☑ Unknown

Is your project located in Indian Country lands? ☐ Yes ☑ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? ☐ Yes ☑ No

Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014

Estimated Area to be Disturbed (to the nearest quarter acre): 25.0

Have earth-disturbing activities commenced on your project/site? ☐ Yes ☑ No

If yes, is your project an emergency-related project? ☐ Yes ☑ No

Have stormwater discharges from your project/site been covered previously under an NPDES permit? ☐ Yes ☑ No

If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit:

V. Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☑ No

Are there any surface waters within 50 feet of your project's earth disturbances? ☑ Yes ☐ No

Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Turner Creek and its tributaries	No		Yes	IDEQ integrated report and mapping	
Turner Bay on Coeur d'Alene Lake	Yes	METALS (OTHER THAN MERCURY)	No	IDEQ integrated report and mapping	Coeur d'Alene Lake and River Sub

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Will you use polymers, flocculants, or other treatment chemicals at your construction site? ☐ Yes ☑ No

If yes, will you use cationic treatment chemicals* at your construction site? ☐ Yes ☐ No

If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? ☐ Yes ☐ No

If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

Please indicate the treatment chemicals that you will use:

* Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

SWPPP Contact Information:

First Name, Middle Initial, Last Name: Jeff Miles

Organization: LHTAC

Phone: 208 333 0565 Fax (Optional):

E-mail: jmile@lhtac.org

VIII. Endangered Species Protection

Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)?

☑ A ☐ B ☐ C ☐ D ☐ E ☐ F

Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study):correspondence from George Stephens, IFG 3/16/2010

If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit:

If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions:

What federally-listed species or federally-designated critical habitat are located in your "action area":

What is the distance between your site and the listed species or critical habitat (miles):

If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☐ No

If yes, provide the name of the Indian tribe associated with the property:

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) ☑ Yes ☐ No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2) ☑ Yes ☐ No

If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? (Appendix E, Step 3) ☐ Yes ☐ No

If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? (Appendix E, Step 4) ☐ Yes ☐ No

If yes, describe the nature of their response:

☐	Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.
☐	No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
☐	Other: ____

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: Jeff Miles

Title:

Signature: Date: Monday, February 11, 2013

E-mail: jmiles@lhtac.org

NPDES FORM 3510-9	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT	Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

I. Approval to Use Paper NOI Form

Have you been given approval from the Regional Office to use this paper NOI form*? ☐ Yes ☐ NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

*** Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.**

II. Permit Information: Tracking Number (EPA Use Only) IDR12C968

Permit Number: IDR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: East Side Highway District

Phone: 208 765 4714 Fax (Optional):

Email: jp@imaxmail.net

IRS Employer Identification Number (EIN): 82-0296965

Point of Contact (First Name, Middle Initial, Last Name): John Pankratz

Mailing Address:

Street: 6095 E Mullan Trail Road

City: Coeur d'Alene State: ID Zip: 83814

NOI Preparer (Complete if NOI was prepared by someone other than the certifier):

Prepared by (First Name, Middle Initial, Last Name): Karissa Hardy

Organization: Local Highway Technical Assistance Council

Phone: Fax (Optional):

E-mail: khardy@lhtac.org

IV. Project/Site Information

Project/Site Name: Burma Road, Gotham Bay Road to Junction SH 97

Project/Site Address:

Street/Location: Burma Road, MP 100 to 102.79

City: Coeur d'Alene State: ID Zip: 83864

County or similar government subdivision: Kootenai

For the project/site for which you are seeking permit coverage, provide the following information:

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude	1. 47,35,11	N(degrees, minutes, seconds)	Longitude	1. 116,44,40	W(degrees, minutes, seconds)
	2. _____	N(degrees, minutes, decimal)		2. _____	W(degrees, minutes, decimal)
	3. _____	N(degrees, decimals)		3. _____	W(degrees, decimals)

Latitude/Longitude Data Source: ☐ U.S.G.S topographical map ☐ EPA Web Site ☐ GPS ☐ Other:_____

If you used a U.S.G.S. topographic map, what was the scale?

Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 or WGS 84 ☐ Unknown

Is your project located in Indian Country lands? ☐ Yes ☑ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? ☐ Yes ☑ No

Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014

Estimated Area to be Disturbed (to the nearest quarter acre): 25.0

Have earth-disturbing activities commenced on your project/site? ☐ Yes ☑ No

If yes, is your project an emergency-related project? ☐ Yes ☑ No

Have stormwater discharges from your project/site been covered previously under an NPDES permit? ☐ Yes ☑ No

If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit:

V. Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☑ No

Are there any surface waters within 50 feet of your project's earth disturbances? ☑ Yes ☐ No

Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Turner Bay on Coeur d'Alene Lake	Yes	METALS (OTHER THAN MERCURY)	No	IDEQ integrated report and mapping	Coeur d'Alene Lake and River Sub
Turner Creek and Tributaries	No		Yes	IDEQ integrated report and mapping	

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Will you use polymers, flocculants, or other treatment chemicals at your construction site? ☐ Yes ☑ No

If yes, will you use cationic treatment chemicals* at your construction site? ☐ Yes ☐ No

If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? ☐ Yes ☐ No

If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

Please indicate the treatment chemicals that you will use:

* Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

SWPPP Contact Information:

First Name, Middle Initial, Last Name: John Pankratz

Organization: East Side Highway District

Phone: 208 765 4714 Fax (Optional):

E-mail: jp@imaxmail.net

VIII. Endangered Species Protection

Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)?

☑ A ☐ B ☐ C ☐ D ☐ E ☐ F

Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study):correspondence with George Stephens, IFG 3/16/2010

If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit:

If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions:

What federally-listed species or federally-designated critical habitat are located in your "action area":

What is the distance between your site and the listed species or critical habitat (miles):

If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☐ No

If yes, provide the name of the Indian tribe associated with the property:

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) ☑ Yes ☐ No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2) ☑ Yes ☐ No

If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? (Appendix E, Step 3) ☐ Yes ☐ No

If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? (Appendix E, Step 4) ☐ Yes ☐ No

If yes, describe the nature of their response:

☐	Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.
☐	No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
☐	Other: ____

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: John Pankratz

Title:

Signature: Date: Monday, February 11, 2013

E-mail: jp@imaxmail.net

NPDES FORM 3510-9	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT	Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

I. Approval to Use Paper NOI Form

Have you been given approval from the Regional Office to use this paper NOI form*? ☐ Yes ☐ NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

*** Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.**

II. Permit Information: Tracking Number (EPA Use Only) IDR12C974

Permit Number: IDR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: Apollo Inc.

Phone: 5095861104 Fax (Optional): 5095853686

Email: dhaight@apollo-gc.com

IRS Employer Identification Number (EIN): 91-1636892

Point of Contact (First Name, Middle Initial, Last Name): David Haight

Mailing Address:

Street: 1133 W. Columbia Drive

City: Kennewick State: WA Zip: 99336

NOI Preparer (Complete if NOI was prepared by someone other than the certifier):

Prepared by (First Name, Middle Initial, Last Name): Brett Brown

Organization: APOLLO INC.

Phone: 5095861104 Fax (Optional):

E-mail: brettb@apollo-gc.com

IV. Project/Site Information

Project/Site Name: Burma Road; Gotham Bay Road to Junction SH 97

Project/Site Address:

Street/Location: Burma Road, MP 100 to 102.79

City: Coeur d' Alene State: ID Zip: 83864

County or similar government subdivision: Kootenai

For the project/site for which you are seeking permit coverage, provide the following information:

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude	1. 47,35,11	N(degrees, minutes, seconds)	Longitude	1. 116,44,40	W(degrees, minutes, seconds)
	2. _____	N(degrees, minutes, decimal)		2. _____	W(degrees, minutes, decimal)
	3. _____	N(degrees, decimals)		3. _____	W(degrees, decimals)

Latitude/Longitude Data Source: ☐ U.S.G.S topographical map ☐ EPA Web Site ☐ GPS ☐ Other:_____

If you used a U.S.G.S. topographic map, what was the scale?

Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 or WGS 84 ☐ Unknown

Is your project located in Indian Country lands? ☐ Yes ☑ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? ☐ Yes ☑ No

Estimated Project Start Date: 02/25/2013 Estimated Project Completion Date: 10/31/2014

Estimated Area to be Disturbed (to the nearest quarter acre): 25.0

Have earth-disturbing activities commenced on your project/site? ☐ Yes ☑ No

If yes, is your project an emergency-related project? ☐ Yes ☑ No

Have stormwater discharges from your project/site been covered previously under an NPDES permit? ☐ Yes ☑ No

If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit:

V. Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☑ No

Are there any surface waters within 50 feet of your project's earth disturbances? ☑ Yes ☐ No

Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Turner Bay on Coeur d' Alene Lake	Yes	METALS (OTHER THAN MERCURY)	No	IDEQ integrated report and mapping	Coeur d'Alene Lake and River Sub
Turner Creek and its tributaries	No		Yes	IDEQ integrated report and mapping	

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Will you use polymers, flocculants, or other treatment chemicals at your construction site? ☐ Yes ☑ No

If yes, will you use cationic treatment chemicals* at your construction site? ☐ Yes ☐ No

If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? ☐ Yes ☐ No

If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

Please indicate the treatment chemicals that you will use:

* Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

SWPPP Contact Information:

First Name, Middle Initial, Last Name: David Haight

Organization: Apollo Inc.

Phone: 5095861104 Fax (Optional):

E-mail: dhaight@apollo-gc.com

VIII. Endangered Species Protection

Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)?

☑ A ☐ B ☐ C ☐ D ☐ E ☐ F

Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study):correspondence with George Stephens, IFG 3/16/2010

If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit:

If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions:

What federally-listed species or federally-designated critical habitat are located in your "action area":

What is the distance between your site and the listed species or critical habitat (miles):

If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☐ No

If yes, provide the name of the Indian tribe associated with the property:

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) ☑ Yes ☐ No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2) ☑ Yes ☐ No

If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? (Appendix E, Step 3) ☐ Yes ☐ No

If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? (Appendix E, Step 4) ☐ Yes ☐ No

If yes, describe the nature of their response:

☐	Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.
☐	No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
☐	Other: ____

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: David Haight

Title: Operations Manager

Signature:

Date: Monday, February 11, 2013

E-mail: dhaight@apollo-gc.com

Appendix C

ITD Notice of Potential Violations

Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

ITD 2790 (Rev. 04-23-12)
itd.idaho.gov

Send completed form to **HQ ENV SWPP**

Part 1 – Project Information

Key Number	Project Name	District	Region (if applicable)
09462	Burma Road	1	

ITD NPDES Permit Number	ITD Project Inspector's Name	Resident Engineer's Name
IDR12C974	Tony Butler	Todd Bartolome, PE

Project WPCM's Name	Prime Contractor's Name
Jeremy Jenkins/Bret Brown	Apollo, Inc.

Contractor NPDES Permit Number
IDR12C974

Part 2 – Construction General Permit (CGP) Potential Violation Information

- ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurred	Date District Aware of Potential Violation	Date Corrective Action Taken to Resolve Issue
09462	9/24/2013	9/24/2013	9/24/2013

ITD 2802 Insp. Number Documenting Issue	Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
1-09462-38	9/24/2013	Completed by HQ ENV 9/24/2013

Part 2A – Reason for Potential Violation and/or Incident Description

On the morning of September 24, 2013 a significant rain event occurred and caused high water flows in the ditches throughout the project. In particular the incident occurred at the intersection of Burma road and Carlin Bay road. At this location the Carlin Bay road ditch eventually enters Turner creek at the recently installed fish passage. Current BMPs installed in this location include but not limited to straw wattles, silt fence, mulch and tackifier as well as rip rap closer to the inlet of the fish passage pipe.

Part 2B – Provision of CGP Potentially Violated

Section 5.2.1.2
After review of the attached turbidity monitoring reports from 9/19/13 through 9/24/13 it can be determined that water quality standards per IDAPA 58.01.02 were greater than 50 NTU above background levels. As you will notice in the reports within a couple hours this location was back in compliance. Additionally when potential violations were occuring it was localized to Turner creek. Monitoring was conducted at the mouth of Turner creek and Lake Coeur d' Alene at which this point water quality standards were once again in compliance. Also after review of the monitoring you will notice NTUs continued decreasing throughout the day. It should be noted, as one would assume turbidity seems to significantly increase only during rain events.

Part 2C – Steps Taken to Fix or Resolve Potential Violation of CGP

The crew was very proactive and began reshaping the ditches, installing geotextile approximately 50 feet up the ditch line as well as placing 3" to 8" rip rap throughout the ditch. The crew also installed various check dams throughout the ditch. In addition our crews anticipate placing aggregate on the road in the coming weeks.

Part 2D – Party Deemed Responsible for Potential Violation

- Project Resident Engineer or Assistant District Engineer determines responsible party

Determination of Responsible Party

☐ ITD ☐ Contractor ☐ Subcontractor ☒ To be Determined

Explanation

Photo Documentation (if applicable): Yes ☐ No ☐

Weather Information (if applicable): Cloudy w/Rain approximately 50 to 60 degrees

Part 3 – Prohibited Discharge Information

Date Discharge Occurred	Date District Aware of Discharge	Name of Water Body Receiving Stormwater or Pollutant Discharge
9/24/2013	9/24/2013	Turner Creek

Date Corrective Action Taken to Resolve Discharge Impacts	ITD 2802 Insp. # Documenting Discharge	Water Body Receiving Discharge Has TMDL
9/24/2013	1-09462-039	☐ Yes ☐ No

Turbidity Was Tested During the Discharge	Water Quality Samples Were Collected During the Discharge
☒ Yes ☐ No	☒ Yes ☐ No

Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
9/24/2013	Completed by HQ ENV 9/24/2013

Discharges requiring reporting include the following:

- Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.
- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

Additional BMPs were installed as noted above.

Photo Documentation (if applicable): Yes ☒ No ☐

Weather Information (if applicable): Cloudy, Rain, 50 to 60 degrees

Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

ITD 2790 (Rev. 04-23-12)
itd.idaho.gov

Send completed form to **HQ ENV SWPP**

Part 1 – Project Information

Key Number	Project Name	District	Region (if applicable)
09462	Burma Rd.; Gotham Bay rd. to SH-97	1	

ITD NPDES Permit Number	ITD Project Inspector's Name	Resident Engineer's Name
IDR12C962	Tony Butler	Todd Bartolome

Project WPCM's Name	Prime Contractor's Name
Jeremy Jenkins	Apollo inc.

Contractor NPDES Permit Number
IDR12C974

Part 2 – Construction General Permit (CGP) Potential Violation Information

- ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurred	Date District Aware of Potential Violation	Date Corrective Action Taken to Resolve Issue
09462	9-29-2013	9-30-2013	9-30-2013

ITD 2802 Insp. Number Documenting Issue	Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
40	9-30-2013	Completed by HQ ENV

Part 2A – Reason for Potential Violation and/or Incident Description

A significant storm event beginning September 28, 2013 continuing through September 29th accumulated over 1.5" of rain. This rain event was accompanied by flash flood warnings in the area. This rain event caused multiple slope failures on mulch/takifier stabilizedc sloped throughout the project. The slope failures and other project erosion created significant discharges into Turner Creek, and the unamed tributary to Turner Creek which are both adjacent to the project. Sediment bmps such as check dams and silt fences were overtopped with sediment accumulation. In addition this storm event came on the heels of a previous storm event (3 days prior), soils throughout the project were already heavily saturated from the previous rain event compounding erosion issues/slope failures. Several culvert crossings discharged sediment laden water into the adjacent creeks. A turbidity plume was visible where Turner Creek discharges into Lake Coeur d'Alene.

Part 2B – Provision of CGP Potentially Violated

From visual inspections and turbidity monitoring can be determined that water quality standards per IDAPA 58.01.02 were greater than 50 NTU above background levels.

Part 2C – Steps Taken to Fix or Resolve Potential Violation of CGP

Thorough project site inspection and meeting by LHTAC, DEA, Apollo, Eastside Highway District. Action list of new bmps and bmp repairs created, and action list started.
Local mulching expert will be on site tomorrow morning with crews and materials to redress failing slopes. All roadway shoulders that have been disturbed by construction traffic will be armored with rock mulch. Rock mulch has been ordered and will be on-site tomorrow or the next day.
Sediment from check dams has been removed. Several areas of dirt road and shoulder have been regraded. 2" of 3/4" aggregate will be added to the majority of the dirt road to prevent additional roadway erosion.
Banks near fish passage at the intersection of Carlin Bay Road and Burma Road were covered with geotextile fabric. Plastic sheeting is being aquired today to install as needed as temporary measure.
Sediment has been removed from slope failures.

Part 2D – Party Deemed Responsible for Potential Violation

- Project Resident Engineer or Assistant District Engineer determines responsible party

Determination of Responsible Party
☐ ITD ☐ Contractor ☐ Subcontractor ☒ To be Determined
Explanation
extenuating weather circumstances

Photo Documentation (if applicable): Yes ☒ No ☐

Weather Information (if applicable): severe weather including flash flood warnings

Part 3 – Prohibited Discharge Information

Date Discharge Occurred	Date District Aware of Discharge	Name of Water Body Receiving Stormwater or Pollutant Discharge
9-28-2013 present	9/30/2013	Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake

Date Corrective Action Taken to Resolve Discharge Impacts	ITD 2802 Insp. # Documenting Discharge	Water Body Receiving Discharge Has TMDL
9-30-2013 to present/ongoing	#40/#41	☒ Yes ☐ No

Turbidity Was Tested During the Discharge	Water Quality Samples Were Collected During the Discharge
☒ Yes ☐ No	☒ Yes ☐ No

Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
9/30/2013	Completed by HQ ENV

Discharges requiring reporting include the following:

- Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.
- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

See Above Part 2C, Actions started and on-going.

Photo Documentation (if applicable): Yes ☐ No ☒

Weather Information (if applicable): cloudy 50 degrees, high chance of continued rain

Construction General Permit Potential Violation Reporting and Prohibited Discharge Reporting Protocol

Reporting Requirements

Part I.12.6 in Appendix I of the 2012 Construction General Permit (CGP) states *"You must report any noncompliance which may endanger health or the environment. Any information must be provided orally within 24 hours from the time you became aware of the circumstances. A written submission must also be provided within five days of the time you became aware of the circumstances. The written submission must contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance."*

This form, ITD 2790, was created to fulfill the requirement ITD has to provide a written report of any potential violation of the CGP within five days of discovery. The purpose of this form is to:

- Promote consistency in reporting information on potential violations to EPA,
- Ensure that reporting to EPA is completed within the required 5-day timeframe, and
- Allow for centralized tracking by Headquarters Environmental of potential violations caused by ITD or the Contractor in order to ensure the causes of violations can be determined and subsequently addressed through updates to forms, guidance, training, etc.

Instructions for Completing ITD 2790, Notice of Potential Violation

The following protocol should be followed by Districts when reporting potential violations. Because this form is intended to serve as a reporting mechanism for CGP potential violations and prohibited discharge reporting, all of Parts 2 and 3 may not need to be filled out completely for each reporting instance. Below are some examples of how this form would be used for reporting different circumstances:

- When reporting a potential violation of the CGP, for example sediment trapped behind a silt fence reaches 75% of the above-ground fence height (per CGP 2.1.2.2), only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.

- If a Contractor commences ground disturbing activities prior to an approved SWPPP and/or NOI being in place, only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.

- Another example would be ITD or Contractor failure to conduct an inspection within 24 hours of a 0.25 inch or greater rain event (if on 14 or 30 day inspection cycle). When the inspection is conducted, evidence of a prohibited discharge from the site is observed. In this case, Parts 1 through 3 would need to be filled out since this is both a potential administrative violation of the CGP and a prohibited discharge occurred.

Part 1 - Project Information

Complete all Project Information entirely. This information is essential for ITD HQ ENV and EPA recognition of the project.

Part 2 - CGP Potential Violation Information

- Complete the table in its entirety to document the timing of the potential violation and when it was reported to Headquarters Environmental.

  Part 2A - Provide detailed information on the reason a potential violation is being reported.

  Part 2B - Identify the provision of the CGP potentially violated.

  Part 2C - Provide detailed information on the steps taken to fix or resolve the potential violation and bring the project back into compliance with the CGP.

Part 2D - The Resident Engineer or Assistant District Engineer should fill out this section and determine the party deemed responsible for the potential violation. If penalties need to be passed on to a Contractor provide an explanation here.

- Provide photo documentation and weather information if applicable to the potential violation.

Part 3 - Prohibited Discharge Information

- Complete the table in its entirety to document the timing of the prohibited discharge, information on the receiving water body, sampling information, and when the event was reported to Headquarters Environmental.

  Part 3A - Provide detailed information on the steps taken to fix or resolve the discharge and/or the effects of the discharge. Provide information on steps taken to mitigate future discharges on the project.

Report Submittal Process

- Contractor or Districts fill out all pertinent information on form ITD 2790 and submit to the HQ ENV SWPP inbox as soon as the potential violation(s) is recognized in order to meet the five-day reporting timeframe.
- Districts **do not** report potential violations directly to the EPA. Contact with EPA is **only** via Headquarters Environmental or ITD Legal.
- Districts **do not** report potential violations to Headquarters Environmental planners. Report potential violations directly to the **HQ ENV SWPP inbox.**
- Use the following naming convention in the email subject line so that the email can be recognized as reporting a potential violation and the information can be passed on to EPA if required:

  District-Key Number-NOV_Current Date

  Example: 3-09999-NOV_9/1/2012

Contact the Headquarters Stormwater Compliance Coordinator or Headquarters Environmental Section Manager with any questions regarding potential violation reporting.

Notice of Potential Violation of the Construction General Permit (CGP) or Notice of Prohibited Discharge

ITD 2790 (Rev. 04-23-12)
itd.idaho.gov

Send completed form to **HQ ENV SWPP**

Part 1 – Project Information

Key Number	Project Name	District	Region (if applicable)
09462	Burma Rd.; Gotham Bay rd. to SH-97	1	LHTAC

ITD NPDES Permit Number	ITD Project Inspector's Name	Resident Engineer's Name
IDR12C962	Tony Butler	Todd Bartolome

Project WPCM's Name	Prime Contractor's Name
Jeremy Jenkins	Apollo inc.

Contractor NPDES Permit Number
IDR12C974

Part 2 – Construction General Permit (CGP) Potential Violation Information

- ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurred	Date District Aware of Potential Violation	Date Corrective Action Taken to Resolve Issue
09462	10-8-2013	10-8-2013	10-9-2013

ITD 2802 Insp. Number Documenting Issue	Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
44	10-10-2013	Completed by HQ ENV Verbally notified it was raining on the 8th. Verbally notified of CGP violation after COB on the 9th. Notified in writing on 10-10-2013

Part 2A – Reason for Potential Violation and/or Incident Description

A rain event (0.6") resulted in turbidity standard violations. Corrective actions/BMP installations ongoing at project. Coordination with IDEQ continuing and ongoing.

Part 2B – Provision of CGP Potentially Violated

CGP Section 3.1. Visual inspections and turbidity monitoring indicate that water quality standards per IDAPA 58.01.02 were greater than 50 NTU above background levels.

Part 2C – Steps Taken to Fix or Resolve Potential Violation of CGP

Area of potential sources of sediment continue to be identified. Additional rock mulch, 3/4" aggregate, and other bmps (plastic covering etc.) are being installed in these areas. Overall project stormwater (erosion and sediment control) evaluations and implementation continuing daily. 100% of contrctor work is currently focused on sediment and erosion control.

Part 2D – Party Deemed Responsible for Potential Violation

- Project Resident Engineer or Assistant District Engineer determines responsible party

Determination of Responsible Party

☐ ITD ☐ Contractor ☐ Subcontractor ☒ To be Determined

Explanation

rain event

Photo Documentation (if applicable): Yes ☒ No ☐

Weather Information (if applicable): 0.6" rain

Part 3 – Prohibited Discharge Information

Date Discharge Occurred	Date District Aware of Discharge	Name of Water Body Receiving Stormwater or Pollutant Discharge
10-8-2013	10/8/2013	Turner Creek, Unnamed Tributary to Turner Creek, Coeur d'Alene Lake

Date Corrective Action Taken to Resolve Discharge Impacts	ITD 2802 Insp. # Documenting Discharge	Water Body Receiving Discharge Has TMDL
10/9 to present/ongoing	44	☒ Yes ☐ No

Turbidity Was Tested During the Discharge	Water Quality Samples Were Collected During the Discharge
☒ Yes ☐ No	☐ Yes ☒ No

Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
Verbally notified it was raining on the 8th. Verbally notified of CGP violation after COB on the 9th. Notified in writing on 10-10-2013	Completed by HQ ENV 10-10-2013

Discharges requiring reporting include the following:

- Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.
- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

See Above Part 2C, Actions started and on-going.

Photo Documentation (if applicable): Yes ☐ No ☒

Weather Information (if applicable): 0.6" of rain received

Notice of Potential Violation of the Construction General Permit (CGP) or Notice of ProhibitedDischarge

ITD 2790 (Rev. 01-14)
itd.idaho.gov

Send completed form to **HQ ENV SWPP**

Form Completed By	Organization Name	Date Completed
Jeremy Jenkins WPCM & Karissa Hardy, P.E.	Apollo, Inc./LHTAC	3/6/2014

Part 1 – Project Information

Key Number	Project Name		District	Region (if applicable)
09462	Burma Rd; Gotham bay rd. to SH-97		1	
ITD NPDES Permit Number	ITD Project Inspector's Name	Resident Engineer's Name		
IDR12C962	Tony Butler	Todd Bartolome		
Project WPCM's Name	Prime Contractor's Name			
Jeremy Jenkins	Apollo, Inc.			
Contractor NPDES Permit Number				
IDR12C974				

Part 2 – Construction General Permit (CGP)Potential Violation Information

-ITD Must Report any Permit noncompliance which may endanger health or the environment to EPA verbally within 24 hours of discovery and in writing within 5 days of discovery per CGP Appendix I.12.

Key Number	Date Potential Violation Occurred	Date District Aware of Potential Violation	Date Corrective Action Taken to Resolve Issue
09462	3/5/2014	3/6/2014	3/5/2014
ITD 2802 Insp. Number Documenting Issue	Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue	
74	3/6/2014	Completed by HQ ENV	

Part 2A – Reason for Potential Violation and/or Incident Description

A rain event occurred on 3/5/14 producing 0.5 inches of rain on snow(estimated that just under 24" of accumulated snow was on the ground).

A second rain event in the evening/night of 3/5/2014 produced an additional 0.5 inches of rain. Additional rain is forcast for the area today and tomorrow.

Warm temperatures (above freezing) accompanying the rain on snow event increased stomwater runoff volumes.
The water infiltrated into the ground and did not reach the lake as surface water.
On 3/5/2014 stormwater overwelmed the road side ditch on Burma road and stormwater flowed over SH-97 and reached Lake Coeur D' Alene. It was visually noted that stromwater was turbid.
the bank adjacent to
In addition some localized slope failures on cut slopes occurred which created some additional visually noted turbid stormwater discharges to Turner Creek/Unnamed tributary to Turner Creek (Turner Creek flows into Lake Coeur d'Alene). Sediment controls were in place and where functioning properly, reducing the sediment discharged.

Turbidity was monitored at the location where Turner Creek empties into Lake Coeur d'Alene(Turner Bay, down stream of project) and the turbidity was less than background readings upstream of project activities (within state water quality standards at this location).

Part 2B – Provision of CGPPotentially Violated

CGP part 3.1 (5.2.1.2) Turbid discharge

Part 2C – Steps Taken to Fix or Resolve Potential Violation of CGP

In anticipation of the rain on snow weather event (peak event) the contractor had staff and equipment on site prior to the event ready to respond id necessary.

Immediate action was taken to control and stop the stormwater from flowing over SH-97 and entering Lake Coeur D' Alene (the overflow of stormwater at this location is a historical problem, this project includes designs to correct this issue).

The contractor reshaped and deepened of ditches, placedt of sandbags and remoedl of excess snow from the ditch to reduce stormwater flows

Repairs for the localized slope failures were initiated (excavating failed slope and replacing slopes with rock material, reshaping ditch in areas of failure, and maintenance of sediment bmps). Contractor crew worked untill dark. Contractor crew returned 3/6/2014 to continue corrective actions. Work activities will continue untill the site is controled and re-stabilized.

Part 2D – Party Deemed Responsible for Potential Violation

- Project Resident Engineer or Assistant District Engineer determines responsible party

Determination of Responsible Party
☐ ITD ☐ Contractor ☐ Subcontractor ☐ To be Determined
Explanation

Photo Documentation (if applicable): Yes ☐ No ☒

Weather Information (if applicable): temperatures exceeding 40 degrees with heavy rain on accumulated snow.

Part 3 – ProhibitedDischarge Information

Date Discharge Occurred	Date District Aware of Discharge	Name of Water Body Receiving Stormwater or Pollutant Discharge
3/5/2014	3/6/14	Turner Creek

Date Corrective Action Taken to Resolve Discharge Impacts	ITD 2802 Insp. # Documenting Discharge	Water Body Receiving Discharge Has TMDL
3/5/14	74	☐ Yes ☒ No

Turbidity Was Tested During the Discharge	Water Quality Samples Were Collected During the Discharge
☒ Yes ☐ No	☐ Yes ☒ No

Date Headquarters Environmental Made Aware of Issue	Date HQ Environmental Informed EPA of Issue
3/6/14	Completed by HQ ENV

Discharges requiring reporting include the following:

- Stormwater discharges from a disturbed area to a waterway or storm drain without treatment by a combination of erosion and sediment control BMPs.
- Stormwater discharges to a waterway or storm drain system where the control measures (BMPs) have been overwhelmed, not properly installed, or not properly maintained.
- Discharges where water quality sampling results indicate levels of turbidity exceeded State Water Quality Standards per IDAPA 58.01.02 (greater than 50 NTU above background levels instantaneously or 25 NTU for more than ten (10) consecutive days) in the water body sampled.
- Any discharge identified in Part 2.3.1of the CGP
- Non-stormwater discharges other than those listed in Section 1.3 of the CGP.
- Discharges of hazardous substances above reportable quantities in Part 2.3.4 of CGP.
- Any other discharges that may endanger human health or the environment.

Part 3A – Steps Taken to Fix or Resolve Discharge or Impacts of Discharge

See Part 2C above. Reshaping ditches and replacing rock lining and check dams. Removing sloughed material from localized slope failures.

Photo Documentation (if applicable): Yes ☐ No ☒

Weather Information (if applicable):N/A

Construction General Permit Potential Violation Reporting and Prohibited Discharge Reporting Protocol

Reporting Requirements

Part I.12.6 in Appendix I of the 2012Construction General Permit (CGP) states *"You must report any noncompliance which may endanger health or the environment. Any information must be provided orally within 24 hours from the time you became aware of the circumstances. A written submission must also be provided within five days of the time you became aware of the circumstances. The written submission must contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance."*

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- When reporting a potential violation of the CGP, for example sediment trapped behind a silt fence reaches 75% of the above-ground fence height (per CGP 2.1.2.2), only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.

- If a Contractor commences ground disturbing activities prior to an approved SWPPP and/or NOI being in place, only Parts 1 and 2 would be filled out. Part 3 would be left blank since there was no prohibited discharge to report.

- Another example would be ITD or Contractor failure to conduct an inspection within 24 hours of a 0.25 inch or greater rain event (if on 14 or 30 day inspection cycle). When the inspection is conducted, evidence of a prohibited discharge from the site is observed. In this case, Parts 1 through 3would need to be filled out since this is both a potential administrative violation of the CGP and aprohibited discharge occurred.

Part 1 - Project Information

Complete all Project Information entirely. This information is essential for ITD HQ ENV and EPA recognition of the project.

Part 2 - CGP Potential Violation Information

- Complete the table in its entirety to document the timing of the potential violation and when it was reported to Headquarters Environmental.

  Part 2A-Provide detailed information on the reason a potential violation is being reported.

  Part 2B-Identify the provision of the CGP potentially violated.

  Part 2C-Provide detailed information on the steps taken to fix or resolve the potential violation and bring the project back into compliance with the CGP.

Part 2D-The Resident Engineer or Assistant District Engineer should fill out this section and determine the party deemed responsible for the potential violation. If penalties need to be passed on to a Contractor provide an explanation here.

- Provide photo documentation and weather information if applicable to the potential violation.

Part 3 - Prohibited Discharge Information

- Complete the table in its entirety to document the timing of the prohibited discharge, information on the receiving water body, sampling information, and when the event was reported to Headquarters Environmental.

  Part 3A-Provide detailed information on the steps taken to fix or resolve the discharge and/or the effects of the discharge. Provide information on steps taken to mitigate future discharges on the project.

Report Submittal Process

- Contractor or Districts fill out all pertinent information on form ITD 2790 and submit to the HQ ENV SWPP inbox as soon as the potential violation(s) is recognized in order to meet the five-day reporting timeframe.
- Districts **do not** report potential violations directly to the EPA. Contact with EPA is **only** via Headquarters Environmental or ITD Legal.
- Districts **do not** report potential violations to Headquarters Environmental planners. Report potential violations directly to the **HQ ENV SWPP inbox.**
- Use the following naming convention in the email subject line so that the email can be recognized as reporting a potential violation and the information can be passed on to EPA if required:

  District-Key Number-NOV_Current Date

  Example: 3-09999-NOV_9/1/2012

Contact the Headquarters Stormwater Compliance Coordinator or Headquarters Environmental Section Manager with any questions regarding potential violation reporting.

Appendix D

Mica Bay Background

I D A H O

Mica Bay residents fight back

Transportation department gets blame for devastating runoff

Benjamin Shors
Staff writer

MICA BAY, Idaho _ From the boat launch at Mica Bay, Jim Yates points across an expanse of marshland to a distant piling where an osprey has taken residence.

"I could take my boat way back to that second piling to fish for bass," said Yates, who moved to the bay in 1963. "Not anymore. By summer, this will be a mud flat."

Jesse Tinsley - The Spokesman-Review
Mica Bay residents Bill Swan, Patricia Swan, Jim Yates and Caroline Griffin want answers fron the Idaho Transportation Department about runoff into Mica Bay.

By summer, there may also be a lawsuit -- blaming the Idaho Transportation Department for sending tons of dirt into the bay.

On Wednesday night, about 50 residents gathered at the Northern Idaho Center for Higher Education, where they formed a property owners' association to fight the department.

"In terms of pollution by sediment, I haven't seen anything worse," said Scott Reed, attorney for the association.

Residents and a growing number of government agencies blame the transportation department and its contractor for eroding several tons of sediment into the bay on the west shore of Lake Coeur d'Alene. They say th

e agency's work rebuilding a curvy section of U.S. Highway 95 has destroyed fish habitat, made boat docks inaccessible and gradually replaced water with wetlands.

Even worse, homeowners say, is that state engineers were warned before construction began that a similar highway project in 1991 flooded the bay with soil.

A frustrated citizens group filed a notice of violation of state and federal water quality laws in April. Under federal law, the department has 60 days to change practices before a citizen lawsuit can proceed.

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I N T E R A C T

- **Submit a letter to the editor**
- **Ask a question at "Ask the Editors"**

An ITD spokeswoman said the threat of lawsuit has not resulted in changes at the construction site.

"There have been a number of things in place for a while," said spokeswoman Barbara Babic on Tuesday. "Nothing has been put out there specifically because somebody threatened a lawsuit."

Babic defended the agency's work, stating it has only one pending claim for environmental damage.

But last week, state environmental regulators fined the transportation department and its contractor $70,000 for discharging dirt into the tributaries of Mica Creek -- a penalty that will be negotiated in upcoming meetings between the two agencies.

The enforcement action demonstrated the Department of Environmental Quality's frustration with the ITD, which appeared to be "deliberately delaying mitigation," according to DEQ records.

The transportation department accumulated several hundred thousand dollars in fines in the last decade for environmental violations, and now also may face federal penalties for violating the Clean Water Act.

The department said its engineers have improved drainage at the site since last fall, when a state water specialist found streams running through piles of loose dirt and down near-vertical ditches. Twice, a 1.3 million gallon sediment pond failed, flooding the bay with a plume of silt.

An official with Seattle-based Scarsella Bros. Inc., the state's contractor, said the transportation department handled the design of the project, including plans to prevent soil discharge from the site.

"There's no flaws as far as our work is concerned," said Don Scarsella, a project manager with the company. "We've done everything that we were under contract to do."

"Personally, I think it's been overstated from what I've heard about the project," he said.

But in the bay, homeowners say just last week they watched a coffee-colored plume of sediment drift past homes and docks.

"It never stops," said Patricia Swann, who has photographed changes to the bay during the last 15 years. "ITD said they fixed the problem. We've never noticed any changes."

Before work began on the $21 million construction project -- designed to realign and rebuild a dangerous 19-mile stretch of road -- residents repeatedly warned transportation engineers of the risk of siltation in the bay.

The scars from the transportation department's last project here, begun in the early 1990s, remain visible from the bay.

Grass clumps slough from the steep banks leading up to the highway, where the vegetation failed to hold back the soil.

Residents attribute siltation in the bay to both the past project and the current work.

"I went to every hearing (ITD) had," said Yates, who attended the meeting with dozens of other homeowners. "We warned them. Water's going to run downhill. It's going to happen again. They didn't listen."

Department of Environmental Quality records bolster the homeowners' claims, asserting that ITD repeatedly disregarded requests to stem soil runoff.

DEQ sampling found elevated sediment levels, ranging from 10 to 1,000 times above normal in the Mica Creek watershed -- even in tests conducted after ITD's work this spring.

June Bergquist, DEQ's water quality specialist, referred all media inquiries to Boise this week. But in an interview last week, Bergquist detailed a litany of failures in ITD's handling of more than a dozen streams crossing the project.

"You just don't let a stream flow through dirt, especially highly mobile dirt," Bergquist said. "You need to plan where the stormwater is going to flow and what it's going to flow into. That wasn't done."

In a memorandum to agency heads this spring, Bergquist stated that the transportation department changed its stormwater plans, creating an "ineffective, nonsensical set of designs."

Culverts were set several feet too high to catch stream runoff. Several draws in the watershed did not have retaining walls to prevent erosion. ITD also OK'd the construction of the million-gallon sediment basin, even though a nearby basin working with similar soil types did not work.

"We've dealt with this type of violation for almost every major project ITD has had in the last 10 years," Bergquist said. "We had no intent of going down the enforcement pathway. But we were getting so little response, and the problem was so severe, that we needed to get ITD's attention."

Transportation department officials said plastic lining has been placed on slopes, and straw mulch and rocks have been added to prevent sloughing. Babic said a recent test showed water leaving the project was cleaner than nearby creeks.

Babic pointed out that Mica Creek has been listed by the state for its sediment problems.

"It's been a bad stream," Babic said. "It has historically had problems -- logging, grazing, farming and the natural erosion. Our project is one aspect."

Dave Stasney, a DEQ hydrogeologist, said a plan will be issued this month to guide agencies working along the embattled creek. The transportation department, for example, will assign workers to drive the roads and highways, listing problem areas that need to be repaired.

But prevention may no longer be a suitable option, said Jim Aucutt, chairman of Kootenai County Waterways Board.

"Given the damage they've done, they're going to have to dredge," Aucutt said. "I know it'd be expensive, but it's got to be done to save the bay."

BACK TO TOP

Department of Justice

FOR IMMEDIATE RELEASE
WEDNESDAY, MAY 3, 2006
WWW.USDOJ.GOV

ENRD
(202) 514-2007
TDD (202) 514-1888

Idaho Transportation Department and Contractor to Pay Total of $895,000 to Settle Federal Storm Water Discharge Claims

WASHINGTON, D.C. – The Idaho Transportation Department (ITD) and contractor Scarsella Brothers, Inc. have agreed to pay $895,000 for violations of the Clean Water Act during the construction of the Bellgrove-Mica realignment of Highway 95 near Lake Coeur d'Alene in Northern Idaho, the Justice Department and U.S. Environmental Protection Agency (EPA) announced today.

Today's settlement concludes a lawsuit which began in 2004, alleging that ITD and Scarsella Brothers failed to provide adequate storm water controls for a large highway project that later deposited many tons of sediment in Mica Creek, which flows into Mica Bay in Lake Coeur d'Alene.

Under the terms of the consent decrees, lodged today in the federal district court in Boise, Idaho, ITD will pay a penalty of $495,000 and Scarsella Brothers will pay a $400,000 civil penalty. As part of the settlement, ITD and Scarsella Brothers also have agreed to send their engineers and environmental inspectors to a certified storm water management training, and ITD has agreed to implement new construction management practices to help avoid future violations of the storm water regulations.

"The Idaho Transportation Department and Scarsella Brothers Construction Company failed to follow known best management practices and their actions had a significant impact on the receiving waters and on the Mica Bay portion of Lake Coeur d'Alene," said Assistant Attorney General Sue Ellen Wooldridge of the Justice Department's Environment and Natural Resources Division. "We are committed to enforcing environmental laws and to seeing that violators undertake the actions necessary to comply with storm water regulations in the future."

"Runoff from construction sites is a major contributor to water quality impairment in the U.S. The EPA is aggressively enforcing federal regulations to help control this problem," said Granta Y. Nakayama, EPA's Assistant Administrator for the Office of Enforcement and Compliance Assurance. "This settlement will result in improved water quality and is a signal of the Agency's commitment to enforcement of our nation's environmental laws and regulations."

In a related action brought in state court, Scarsella will pay half a million dollars to the Mica Bay Homeowners Association to settle claims for property damage allegedly caused by sediment

discharges from the site. The Association intends to use the money for environmental improvement projects in the Mica Bay watershed.

The penalty in these two cases is the largest EPA Region 10 has imposed thus far as part of its regional storm water compliance initiative. Although the initiative began in 2001 with several years of intensive outreach, including workshops, mailers, and an expanded website, it was not until 2005, after EPA stepped up its inspection and enforcement efforts, that the region saw a dramatic increase in compliance rates.

Between June 2004 and April 2005, the number of construction site operators in Idaho signed up for the Construction General Permit rose 112 percent. EPA inspectors have also noted that construction site operators are increasingly in compliance with the permit's requirements to design, install, and maintain storm water controls to prevent common construction site pollutants such as sediment, petroleum products, and concrete washout from discharging into nearby waterways. Since the initiative began, EPA has brought cases against more than 100 operators.

The proposed consent decree lodged today is open for a 30-day public comment period. A copy of the consent decree is available on the Department of Justice website at http://www.usdoj.gov/enrd/open.html.

###

06-261

Appendix E

Stormwater Inspection 66-78

(Burma Road CGP/CEI CD includes all inspections; 1-78)

Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-66

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Teresa Neumann	22,155

Inspector(s) Designation
☒Joint ITD and WPCM ☐ITD Environmental ☐Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
66	1/22/2014	1/15//2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☐ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Clear 31 degrees F.	Rain Gage located in contractors yard showed 0.0 on the morning of 1-22-2015

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	0 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	13 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	1/9/2014 SWPPP mod. 14
Comments	Project is in winter shutdown. The obove mentioned SWPPP mod is awaiting signature from LHTAC for reduced site inspections through the remainder of the winter time shutdown.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	~~No reportable observations~~ See Section 6
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations

Area	Station No. or Location Description	Observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention Plan. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No track out noted.

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Holding well for now. Wildlife traffic is causing a fair amount of damage to slopes.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1		No Items Completed since last inspection	

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	47+60 and 66+00 lt.	Slope failure repairs are being corrected at the time of this inspection as per the AVO submitted By Randy Durland On 1-17-2014.	Completed on 1-22-2014
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure.	1-29-2014

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
A decision by LHTAC's Resident Engineer, Todd Bartolome was made on the morning of 1-22-2014 to not repair the slope at station 71+40 lt. This decision was conveyed to the project superintendent in the late afternoon on the same day by DEA's Randy Durland. Plans to repair this area as had been prviously decided on 1-20-2014 was stopped do to this decision.
It is Noted by The Projects Superintendent and WPCM that this area will fail beyond and worse than its current state without further attention.
A corrective action will be submitted following this report to repair this area withen 7 calender days as per CGP requirements 5.2.1

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

☒ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)

☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☒ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☐ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ NewMaintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☒ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. Schedual will change to that described in SWPPP mod 14 once final signatures are obtained.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	66	1/22/2014

Primary Inspector's Name (Type or Print)	
Teresa Neumann	
Primary Inspector's Signature	Date Signed
Teresa Neumann	

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		1-23-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title	
Brett Brown,	Project Engineer,	
Prime Contractor or Duly Authorized Representative's Signature	Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brettb@apollo-gc.com, c=US Date: 2014.01.24 07:05:55 -08'00'	Date Signed 1/24/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed 2/3/14

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Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-67

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins, Teresa Neumann and Karissa Hardy	22,155 (JJ) 23187 (KH)

Inspector(s) Designation

☒Joint ITD and WPCM ☐ITD Environmental ☐Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
67	1/29/2014	1/22//2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☐ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Overcast with snow showers currently active at the time of this inspection. 3+ inches on the ground from the current snow event. 30 degrees F.	Rain Gage located in contractors yard showed 0.0 on the morning of 1-29-2014.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	.1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	12.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	1/22/2014 SWPPP mod. 15
Comments	Project is in winter shutdown. The numbers in the first and second line of section #4 changed from the previous report due to a couple problem areas. See section 6 for further detail. SWPPP mod 14 that was previously mentioned was not executed. SWPPP mod 14 will not be made effective.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not Inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Turner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-68+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the new snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	47+60 and 66+00 lt.	Slope failure repairs have been done as per the AVO submitted By Randy Durland On 1-17-2014.	Completed on 1-22-2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in the previous report was not completed. Storm Water team is devising a better more permanent solution to this area and other areas with like problems. A plan is in the works however the team is researching product and material types that would be best suited for the situation.)	A repair date has yet to be determined but will be in the near future

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in Initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ New Maintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. Schedual will change to that described in SWPPP mod 14 once final signatures are obtained.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	67	1/29/2014

Primary Inspector's Name (Type or Print)	
Teresa Neumann	
Primary Inspector's Signature	Date Signed
Teresa Neumann	1-29-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		1-29-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsIn the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
Brett Brown Digitally signed by Brett Brown DN: cn=BrettBrown, o=Apollo Inc., ou, email=bbell@apollo-gc.com, c=US Date: 2014.02.04 15:13:04 -08'00'	2/4/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	2/19/2014

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Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-68

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins, Randy Durland	20,434

Inspector(s) Designation

☒Joint ITD and WPCM ☐ITD Environmental ☐Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
68	2/5/2014	1/29//2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☐ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Clear 1 degree F.	Rain Gage located in contractors yard showed 0.0 on the morning of 2-5-2014.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	.1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	12.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	1/22/2014 SWPPP mod. 15
Comments	Project is in winter shutdown. See Report # 67 for explanation on the figures in section 4.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations

Area	Station No. or Location Description	Observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Asta slt

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+60 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1			

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in report # 66 was not completed. Storm Water team Has devised a plan to perform these repairs. Inclement weather and freezing temperatures has this work on temporary hold.)	A repair date has yet to be determined but will be in the near future

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)

☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒NewMaintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	68	2/5/2014

Primary Inspector's Name (Type or Print)	
Randy durland	
Primary Inspector's Signature	Date Signed
	02-07-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		2-6-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brett@apollo-pc.com, c=US Date: 2014.02.10 09:39:55 -08'00'	2/10/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	2/18/2014

Distribution: Original – DE Copies – RE DEM. Dist. Env. HQ ENV SWPP Contractor

Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-68

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Tony Butler	22,325

Inspector(s) Designation

☒Joint ITD and WPCM ☐ITD Environmental ☐Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
~~68~~ 69	2/12/2014	2/5/2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☐ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Windy 43 degrees F	Rain Gage located in contractors yard showed 0.45 on the morning of 2-11-2014. this would have been snow melt as there was no precipitation between the 5th and the 11th. Rain gage showed 0.15 on the morning of 2-12-2014. (rain)

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	.1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	12.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	1/22/2014 SWPPP mod. 15
Comments	Project is in winter shutdown. See Report # 67 for explanation on the figures in section 4.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est, 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Visual observations of discharges through existing culverts crossing Burma Rd. Look good. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Nothing to report this inspection

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1			

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Private drive (Litten Lane) plan station left	Repair slope failure. Another corrective action report will not be going out for this area. It is currently fitting for this area to be included with SWPPP mod/corrective action 15. This area will be addressed when SWPPP mod 15 is fulfilled. See notes in line 2 below	See below
2	71+40 lt.	A corrective action to repair the slope at the before mentioned Stationing is required. Failure to repair this area will result in a near future slope failure. (SWPPP mod/Corrective action 15 submitted 1-22-14 and mentioned in report # 66 was not completed. Storm Water team Has devised a plan to p[erform these repairs. Inclement weather and freezing temperatures has this work on temporary hold.)	A repair date has yet to be determined but will be in the near future
3			

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
none at this time

Conditions Triggering Corrective Action Report
If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☐ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ New Maintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	~~68~~ 69	2/12/2014

Primary Inspector's Name (Type or Print)	
~~Randy durham~~ TOM TONY BUTLER	
Primary Inspector's Signature	Date Signed
	2-13-2014

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		2-13-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature (Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou=, email=brettb@apollo-gc.com, c=US Date: 2014.02.14 15:36:14 -08'00')	Date Signed
	2/14/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	2/19/2014

Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-70

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins	N/A

Inspector(s) Designation

☐ Joint ITD and WPCM ☐ ITD Environmental ☒ Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
70	2/17/2014	2/12/2014	5

Reason for Inspection	Explanation (if required)
☐ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Rainy with light wind 39 degrees F.	Rain Gage located in contractors yard showed 0.25 on the morning of 2-15-2014. another rain event starting late in the day 2-16-2014 and continueing through this day of 2-17-2014 produced 0.70 as of 9:30 am. the gage was emptied although the rain event was continueing.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	.1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	12.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	1/22/2014 SWPPP mod. 15
Comments	Project is in winter shutdown. See Report # 67 for explanation on the figures in section 4.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	A couple problem slope areas will need to be addressed. Current BMP's not effective to maintain WQS's. See section 6 below for further detail.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations
Offsite Waste / Borrow / Stockpiles	None	No reportable observations
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Numerous areas of the silt fence throughout the project is full or nearly full with snow. This appears to not be a problem at this time.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Mulch/Tackifier not sufficient enough in a couple areas on the slopes where hill side seeps have caused problems. See Section 6 below for further details Wildlife traffic is also causing a fair amount of damage to slopes. (Currently not visable due to the snow covering)
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	**Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts**	**No reportable observations**
Spill containments, washout basins etc.	**Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment**	**No reportable observations**
Plastic covering	**STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50**	**No reportable observations**

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1		**No items completed since the last inspection**	

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	**17+00 to 18+50**	**Re-establish ditch to prevent water from cutting across Burma rd. repair Burma Rd. as needed.**	**2-24-2014**
2	**Litten Ln. and STA 71+40 lt.**	**Slope failure repairs See previous report for more details**	**2-24-2014**
3	**47+50 lt., 62+40 lt., 67+40 lt...**	**See Corrective action following this report. Repair procedure should be the same as that of the slopes above.**	**2-24-2014**
		For pictures and notes see the turbidity sampling log for 2-17-2014	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)

☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ NewMaintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information **Not** Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	**70**	**2/17/2014**

Primary Inspector's Name (Type or Print)	
Tony Butler NO SIGNATURE REQUIRED, WPCM ONLY INSPECTION	
Primary Inspector's Signature	Date Signed N/A

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed 2-17-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brettb@apollo-gc.com, c=US Date: 2014.02.18 15:21:46 -09'00'	Date Signed 2/18/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature See next page for signature	Date Signed

Distribution: Original – DE Copies – RE DEM. Dist. Env. HQ ENV SWPP Contractor

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	70	2/17/2014

Primary Inspector's Name (Type or Print)	
Tony Butler NO SIGNATURE REQUIRED, WPCM ONLY INSPECTION	
Primary Inspector's Signature	Date Signed
	N/A

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		2-17-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this Inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☐ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
SEE PREVIOUS PAGE FOR SIGNATURE	

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	2/18/2014

Distribution: Original – DE Copies – RE DEM. Dist. Env. HQ ENV SWPP Contractor

Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-71

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962

Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Teresa Neumann	22,155

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3--Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
71	2/19/2014	2/17/2014	2

Reason for Inspection	Explanation (if required)
☒ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Mostly sunny 33 degrees F.	Rain Gage located in contractors yard showed 0.55 on the morning of 2-19-2014.

Section 4-- Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	11.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	2-17-2014 CA 13 (not yet executed)
Comments	due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up.

Section 5--Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM is losing and/or has lost its effectiveness.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	No reportable observations

Area	Station No. or Location Description	Observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (6.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+60-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+26 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 600 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 146+46 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-6-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	Plastic covering wall 5 @ STA. 95+20 lt. has failure behind it. Slope failure at this location has damaged the plastic. A slope repair hear is needed.

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	17+00 to 18+50	Re-establish ditch to prevent water from cutting across Burma rd. repair Burma Rd. as needed. This is being worked on at the time of this inspection.	2-20-2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	23+80 lt., 27+80 lt., 82+40 lt.	Repair slope failures	2-26-2014
2	Throughout project	Many areas of saturated slopes show signs of near future failures. A proactive approach should be taken to prevent further damage.	These will be in CA 14 dated 2-19-2014 however these are not of the highest priority. Currently not setting a date at this time.
3	Throughout project	Hydro mulch (BFM) has and/or is losing its effectiveness. Has washed down the slopes revealing bare soils beneath. Erosion controls need provided in these areas to prevent further damage to the slopes. (Note: it is questionable as to how much seed is left on the finished slopes. It is believed that some areas that have been seeded will need to be re-seeded when opportunity allows.)	
4	STA. 96+20 lt. (wall 5)	A slope failure repair beneath the plastic needs done.	2-26-2014
5	Litten Ln. and STA 71+40 lt.	Slope failure repairs See report # 69 for more details (continued from previous report # 70)	2-24-2014
6	47+50 lt., 62+40 lt., 67+40 lt..,	See Corrective action 13 following this report. Repair procedure should be the same as that of the slopes above. (continued from previous report # 70)	2-24-2014

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)

☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ NewMaintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	71	2/19/2014

Primary Inspector's Name (Type or Print)	
Teresa Neumann	
Primary Inspector's Signature: Teresa Neumann	Date Signed: 2-20-2014

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature:		Date Signed: 2-20-2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature: Brett Brown — Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=bretth@apollo-gc.com, c=US Date: 2014.02.24 15:19:54 -08'00'	Date Signed: 2/24/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the

information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	3/10/14

Distribution: Original – DE Copies – RE DEM. Dist. Env. HQ ENV SWPP Contractor

Stormwater Compliance Inspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-72

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Teresa Neumann	22,155

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
72	2/25/2014	2/19/2014	5

Reason for Inspection	Explanation (if required)
☒ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Sunny 21 degrees F. Job site is covered in snow.	Rain Gage located in contractors yard showed 0.3 on the morning of 2-25-2014.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	11.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	2-19-2014 CA 14
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM is losing and/or has lost its effectiveness.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+60 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls68+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence repairs needed at STA's 47+50 rt., 71+84. No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No Reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	82+35 to 83+00 lt.	Slope failure repaired	2-21-14

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	23+80 lt., 27+80 lt.,	Repair slope failures	work began 2-19-2014 and continuing
2	Throughout project	Hydro mulch (BFM) has and/or is losing its effectiveness. Has washed down the slopes revealing bare soils beneath. Erosion controls need provided in these areas to prevent further damage to the slopes. (Note: It is questionable as to how much seed is left on the finished slopes. It is believed that some areas that have been seeded will need to be re-seeded when opportunity allows.)	Not setting a date at this time
3	Litten Ln. and STA 71+40 lt.	Slope failure repairs See report # 69 for more details (continued from previous report # 70)	2-24-2014
4	47+50 lt., 62+40 lt., 67+40 lt...	See Corrective action 13 following this report. Repair procedure should be the same as that of the slopes above. (continued from previous report # 70)	2-24-2014
5	69+40 lt.	Slope repair needed	3-4-2014

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ NewMaintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information **Not** Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	**72**	**2/25/2014**

Primary Inspector's Name (Type or Print)	
Teresa Neumann	
Primary Inspector's Signature	Date Signed
Teresa Neumann	2-26-2014

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		2-25-2014

Contractors Acknowledgment -- Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
	2/26/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	3/10/14

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Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-73

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Tony butler	22,325

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
73	3/4/2014	2/25/2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
overcast 43 degrees F	Rain Gage located in contractors yard showed 0.1 on the morning of 3-4-2014.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	1 Acres
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	11.9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	2-25-2014 CA 15
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up.

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM is losing and/or has lost its effectiveness. Currently covered with snow from recent snow events

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No Reportable observations

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Culvert crossings as defined in the 401 certification have been tested for turbidity. See the turbidity sampling log sheet for further details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence is currently full with snow No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath. Currently covered in snow
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	No reportable observations

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	No reportable observations
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Canton lane	Redefined ditch and repaired slope	2-28-2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Near sky view Ln.	Culvert crossing Burma Rd. is not flowing. Crews investigated the problem and discovered a utility line was installed through the culvert damaging it in the process. A Temporary fix to channel the water to the next culvert began today.	3-5-2014
2		The other items noted in the last couple inspection reports is still continuing and in progress at the time of this inspection.	Work will continue until finished. Exact date not known

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
none at this time

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☐ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.
- ☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.
- ☒ NewMaintenance Requirements have been identified in the current inspection report.
- ☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.
- ☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information **Not** Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	73	3/4/2014

Primary Inspector's Name (Type or Print)	
Tony Butler	
Primary Inspector's Signature	Date Signed 3/4/2014

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed 3/4/2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature (Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brettb@apollo-gc.com, c=US Date: 2014.03.10 13:16:35 -07'00')	Date Signed 3.10.14

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature: see next page	Date Signed

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☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumalations reach .5 inch or more. In the areas as described in the 401 certification.
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Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	73	3/4/2014

Primary Inspector's Name (Type or Print)	
Tony Butler	
Primary Inspector's Signature	Date Signed

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed 3/4/2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

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Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature: see previous page	Date Signed

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

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District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed 3/6/14

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Data Category: Current Conditions | Geographic Area: Idaho | GO

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- New improved user interface.
- Full News

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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the Idaho Water Data Maintainer.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

Gage height, feet

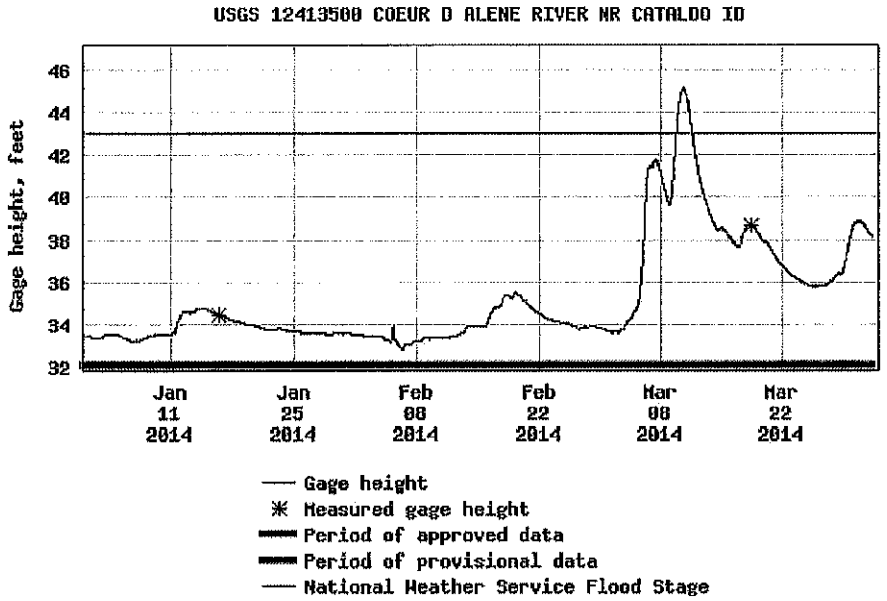
Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

?
Add site numbers
Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO



Create presentation-quality / stand-alone graph. Subscribe to ? WaterAlert

Share this graph |

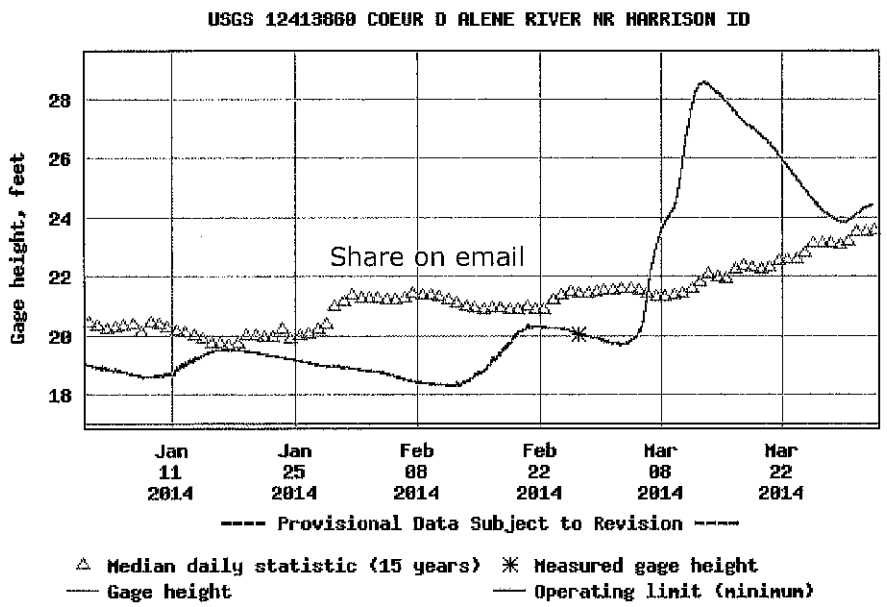
USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

Prev

Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT

Next



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO

Create presentation-quality / stand-alone graph. Subscribe to ? WaterAlert

Share this graph |

Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

Min (2008)	25th percen-tile	Mean	Median	Most Recent Instantaneous Value Apr 1	75th percen-tile	Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

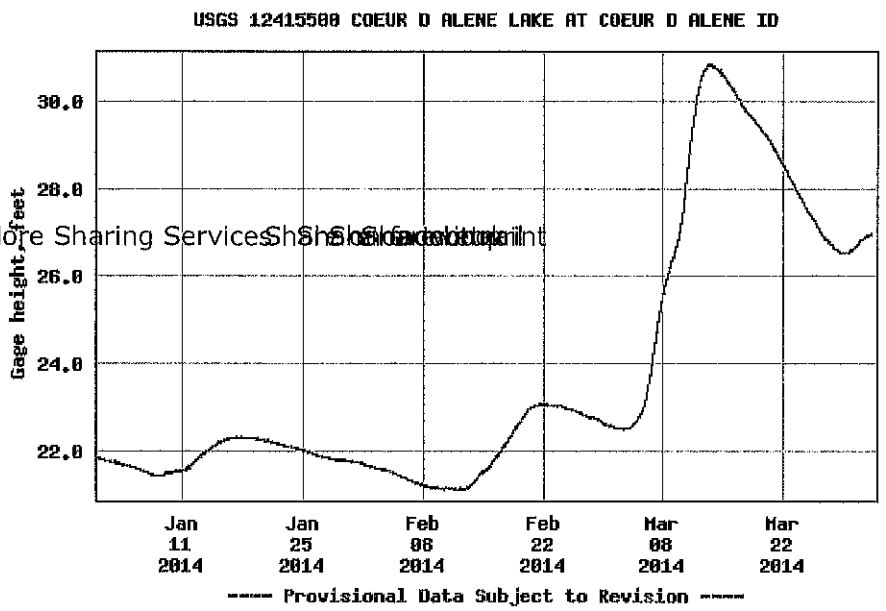
USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Prev

Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

Next



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers

Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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USGS 12417610 SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

Gage height, feet

Prev

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

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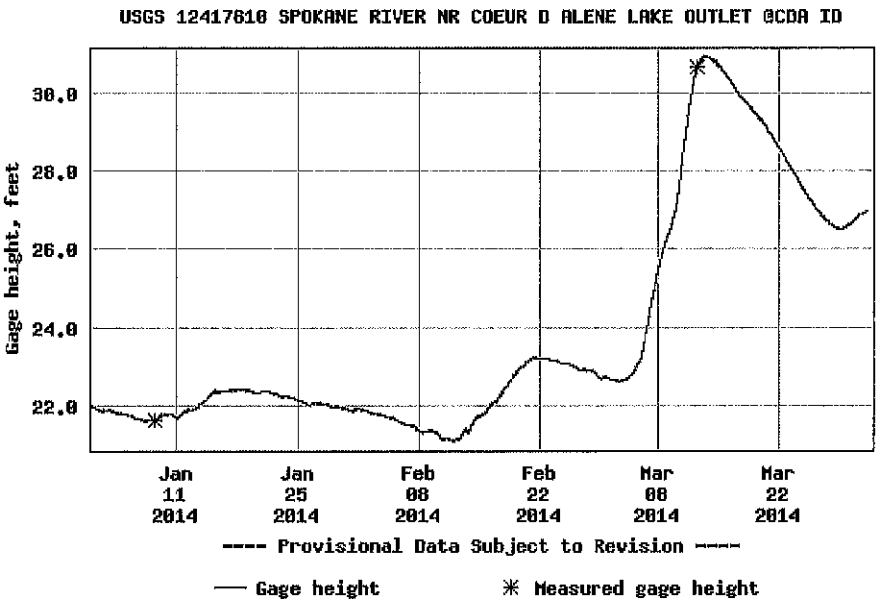

Add up to 2 more sites and replot for "Gage height, feet"

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Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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USGS 12419000 SPOKANE RIVER NR POST FALLS ID Share on email

Gage height, feet

Prev

Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT

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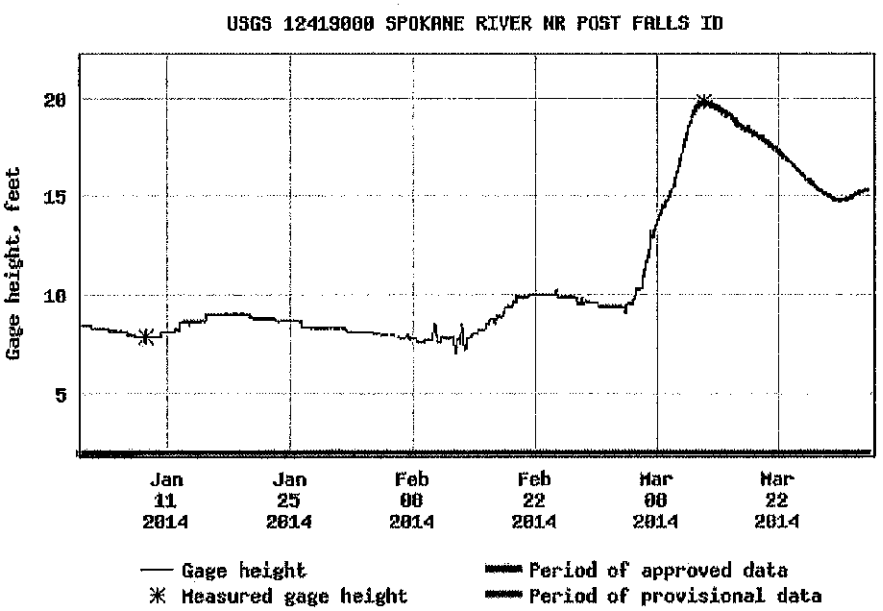

Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-74

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Tony butler	22,325

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3 - Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
74	3/6/2014	3/4/2014	1

Reason for Inspection	Explanation (if required)
☐ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Rainy 48 degrees F.	Rain Gage located in contractors yard showed 0.5 in.

Section 4 - Construction and Stabilization/SWPPP Recordkeeping Status

Estimate the construction site and construction support activity area currently disturbed and unstabilized.	3 Acres *
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions including grading, stabilization, and BMP installation.	☒ Yes ☐ No
Provide the date of the most recent SWPPP update or modification.	3-5-2014 CA 16
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up. * acreage is estimated compromised erosion bmps, not actual construction

3/28/2014
Todd Bartolome

Section 5 - Construction Areas, Discharge Points, and Installed Controls (BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM has lost its effectiveness.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+63) End of project (station 153+12	No Reportable observations.

Asite sit

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	Culverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 128+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Turbidity sampling log shows current readings and details. Several areas are exceeding water quality standards
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed: See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+60 16+10-16+.25 18+65-22+30 22+30-24+00 27+62-35+25 35+22-39+60 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence is currently full with snow No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is end has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 76+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	Many check dams have been washed away from the storm event. Sandbags are being used to help control the water at SH-97

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+65, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Near sky view Ln.	Redirected water with ditch line work	3-5-2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Burma Rd. and SH-97 Intersection	Cut ditch to stop water from flowing across SH-97 sandbag this area to help control the water run-off	Crews are actively working this area
2	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work	Work has began this day of 3/6/14

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Turbid discharges

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☒ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☐ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report have been satisfactorily completed.
- ☒ All Maintenance Requirements noted in the previous inspection report have not been satisfactorily completed.
- ☒ New Maintenance Requirements have been identified in the current inspection report.
- ☐ BMP installation Requirements per SWPPP have been identified in the current inspection report.
- ☒ Conditions exist that triggered an entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.
- ☒ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	74	3/5/2014

Primary Inspector's Name (Type or Print)	
Tony Butler	
Primary Inspector's Signature	Date Signed 3/5/14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed 3/10/14

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasons in the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed 3.10.14

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed 3/12/14

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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the Idaho Water Data Maintainer.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

Gage height, feet

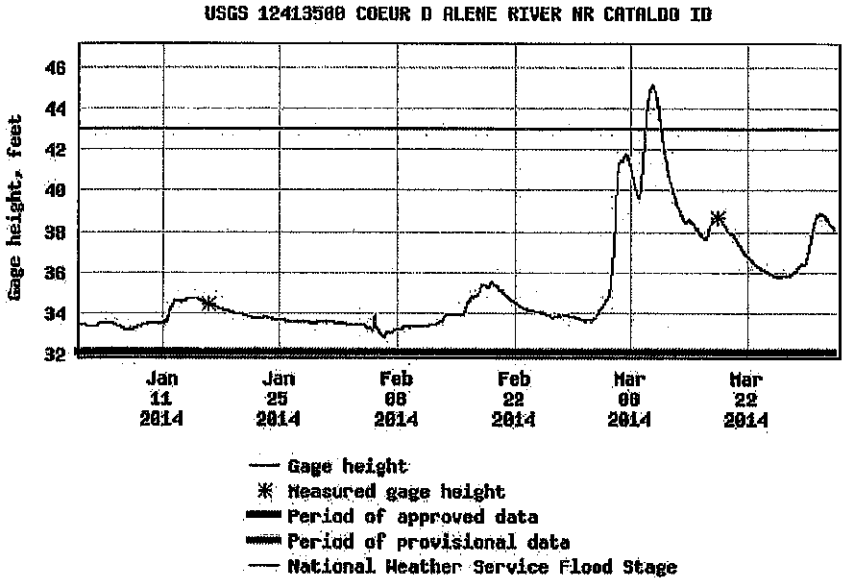
Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

?
Add site numbers
Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

GO



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USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

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Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT

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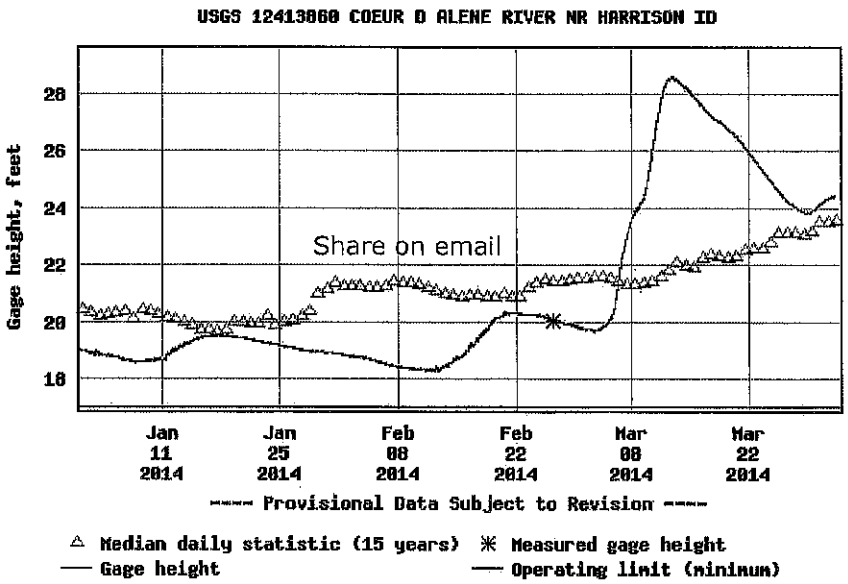

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? Add site numbers Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

Min (2008)	25th percen-tile	Mean	Median	Most Recent Instantaneous Value Apr 1	75th percen-tile	Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

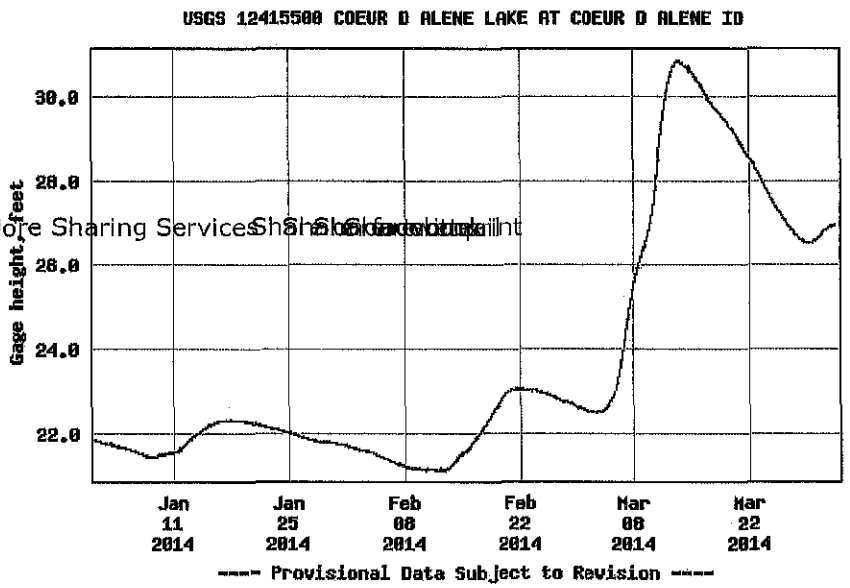
USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Prev

Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

Next



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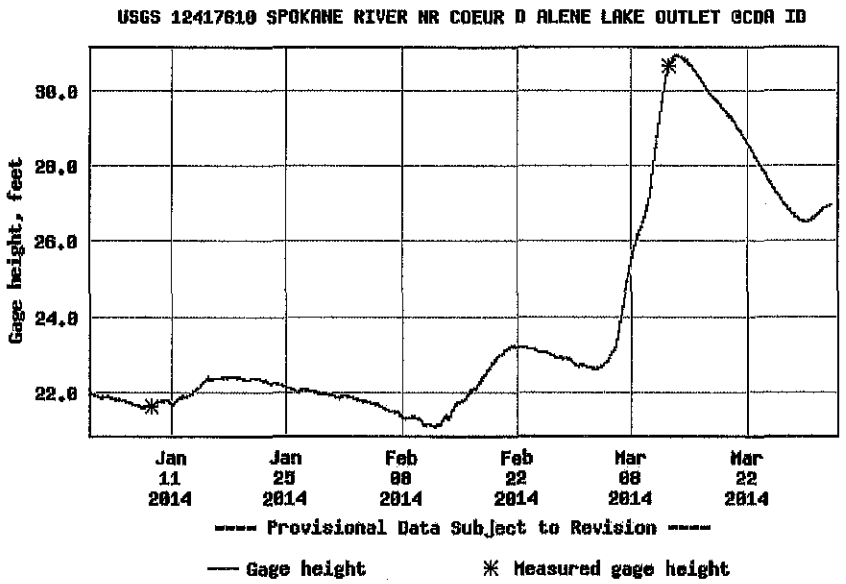
USGS 12417610 SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

Gage height, feet

Prev

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

Next



Add up to 2 more sites and replot for "Gage height, feet"

? Add site numbers

Note

Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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USGS 12419000 SPOKANE RIVER NR POST FALLS ID Share on email

Gage height, feet

Prev

Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT

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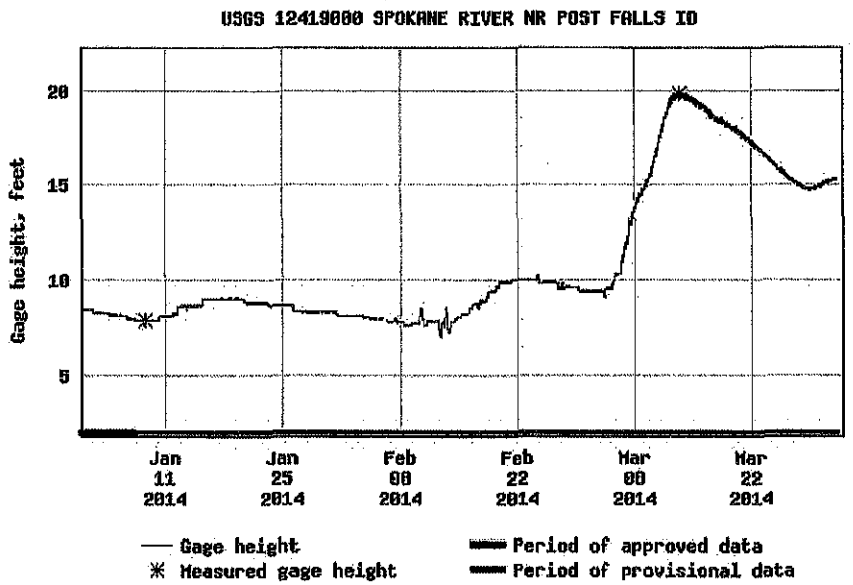

Add up to 2 more sites and replot for "Gage height, feet"

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11.76 9.56 caww01

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Inspection Identification Number*1-09462-75

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Teresa Neumann	22,155

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
75	3/6/2014	3/5/2014	1

Reason for Inspection	Explanation (if required)
☐ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
overcast 50 degrees F.	Rain Gage located in contractors yard showed 0.5 in.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	3 Acres *
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒ Yes ☐ No
Provide the date of the most recent SWPPP update or modification.	3-6-2014 CA 17
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up. *acreage is estimated compromised erosion bmps, not actual construction

3/28/2014
Todd Bartolome

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM has lost its effectiveness.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

Asfe slt

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 116+80, 104+36, 96+60, 89+06, 84+16 74+84, CP6 (est. 68+30) 56+73, 52+50, 50+00, 40+61 27+50	Culverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Turner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 36+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b) Turbidity sampling log shows current readings and details. Several areas are exceading water quality standards
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c) Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Section 6 below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence is currently full with snow No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 66+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	Wattles are covered in snow, unable to inspect. No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	Many check dams have been washed away from the storm event. Sandbags are being used to help control the water at SH-97

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	No reportable observations

Section 6--Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Burma Rd. and SH-97 intersection	Cut ditch to stop water from flowing across SH-97 sandbag this area to help control the water run-off	3/6/2014

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	Throughout project	Fix rills in Burma Rd. re-ditch and channel water accordingly.	Work will continue until finished. Temporary fixes will be completed by end of day 3/7/14
2	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work	Work has began on day of 3/5/14
3	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	Work will continue until finished. Temporary fixes will be completed by end of day 3/7/14
4	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	Work has already began and will continue until finished.

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Turbid discharges. Violation report sent 3/6/14 covers today yesterday.

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)

☒ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)

☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

☐ No Maintenance Requirements were noted in the previous inspection report.

☐ All Maintenance Requirements noted in the previous inspection report have been satisfactorily completed.

☒ All Maintenance Requirements noted in the previous inspection report have not been satisfactorily completed.

☒ New Maintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☒ Conditions exist that triggered an entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4;

☒ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	75	3/6/2014

Primary Inspector's Name (Type or Print)	
Tony Butler Teresa Neumann	
Primary Inspector's Signature	Date Signed
Teresa Neumann	3-11-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed 3/10/2014

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasons in the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brett.brown@apollo-inc.com, c=US Date: 2014.03.10 13:33:14 -07'00'	3.10.14

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the

Information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed: 3/12/14

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Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12
itd.idaho.go

Inspection Identification Number*1-09462-76

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP
Jeremy Jenkins and Teresa Neumann	22,155

Inspector(s) Designation

☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
76	3/10/2014	3/6/2014	4

Reason for Inspection	Explanation (if required)
☐ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Very rainy 43 degrees F.	Rain Gage located in contractors yard showed 0.5 in. at 8:00 am on the morning of 3-10-2014. It was not emptied at any time and read 0.3 in. at 11:00 am. The contractor was informed to replace the rain gage.

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	3 Acres *
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	3-6-2014 CA 17
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up. * acreage is estimated compromised erosion control BMP, not construction activity

Section 5–Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

3/28/2014
Todd
Bartolome

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM has lost its effectiveness.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Pile is covered with plastic. No reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table b

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	Culverts are flowing at their maximum Un-able to control all the storm water run-off
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	Culverts are flowing at their maximum Un-able to control all the storm water run-off

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)

Turbidity sampling log shows current readings and details. Several areas are exceeding water quality standards

Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)

Hydro mulch (erosion control on the slopes0 are failing and not operating effectively. Additional measures are needed. See Sectio below as well as the pictures and notes accompanied with the turbidity sampling log.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	Silt fence is in need of repair throughout the project. Sub contractor (North West Tree and Reclamation) is on site today and began repairing fences. No other observations to report.
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 145+45 rt. At outfall side of cross culverts, STA's 68+00, 74+80, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath. Crews began covering slopes with plastic today as a temporary measure.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	Many check dams have been washed away from the storm event. Sandbags are being used to help control the water at SH-97

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections Installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	Additional plastic covering is being installed today. Locations will be updated in a future report. No other reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Throughout project	Fix rills in Burma Rd. re-ditch and channel water accordingly. (Due to continuing rain this work will also continue as needed.)	3/7/14

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1	118+80	repair culvert	3/11/14
2	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work (Still continuing this inspection)	Work has began on day of 3/5/14
3	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	Tentatively this work will resume 3/12/14
4	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	Work has already begun and will continue until finished.

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance
Turbid discharges. Violation report sent 3/6/14 will also be a coontinuation for today.

Conditions Triggering Corrective Action Report
If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☒ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☐ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.
- ☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.

☒ New Maintenance Requirements have been identified in the current inspection report.

☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☒ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☒ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
Turbidity Sampling is currently being done once a week or when precipitation accumulations reach .5 inch or more. In the areas as described in the 401 certification.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	76	3/10/2014

Primary Inspector's Name (Type or Print)	
Teresa Neumann	
Primary Inspector's Signature	Date Signed
Teresa Neumann	3-11-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		3/10/14

Contractors Acknowledgment -- Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
Brett Brown Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brett@apollo-gccom, c=US Date: 2014.03.14 [illegible]	3/14/2014

Section 9 -- ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	3/21/2014

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Stormwater ComplianceInspection

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number*1-09462-77

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-6723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Jeremy Jenkins and Randy Durland	20,434

Inspector(s) Designation
☒ Joint ITD and WPCM ☐ ITD Environmental ☐ Contractor's WPCM ☐ Other/3rd Party

Section 3--Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
77	3/12/2014	3/10/2014	2

Reason for Inspection	Explanation (if required)
☐ Routine ☒ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Sunny, 40 degrees F	Rain Gage located in contractors yard showed 0.0 in. on the mornig of 3/12/14

Section 4-- Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	3 Acres *
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	9 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒ Yes ☐ No
Provide the date of the most recent SWPPP update or modification.	3-6-2014 CA 17
Comments: Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized figure has gone up. * acreage is estimated compromised erosion control BMP, not construction activity	3/28/2014 Todd Bartolome

Section 5--Construction Areas, Discharge Points, and Installed Controls(BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter time shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing. BFM has lost its effectiveness. Plastic is being placed on the slopes at the time of this inspection as a temporary measure.

Area	Station No. or Location Description	Observations
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and Waste pile from erosion control work located in contractor's staging area. Waste pile is covered with plastic. No other reportable observations
Offsite Waste / Borrow / Stockpiles	Conmats pit, Hayden Idaho Corner of HWY 95 and HWY 53	Conmat is responsible for Their Own environmental protection plans, permits and compliance independent of ITD, LHTAC, East side highway district, Apollo Inc. and this project. Waste generated from the (erosion control) work being done at this time along the Burma Rd. Project is being hauled to Conmat's pit. This site is not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd.) Job trailer and portable restroom.	Fuel storage tank located at contractor's yard. Tank is double wall, no spill containment required. See Spill Prevention, control and countermeasure plan. (SPCC Plan) Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. No reportable observations
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83) End of project (station 153+12	No Reportable observations

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Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Existing culverts used to convey storm water and snow melt from ditch on left of project to right of project	156+50, 142+10, 135+00, 118+80, 104+36, 96+50, 89+06, 84+18 74+84, CP5 (est. 68+30) 55+73, 52+50, 50+00, 40+61 27+50	No reportable observations this inspection
Existing culverts to convey stream and creek beds through road ways	Unnamed tributary to Tuner Creek Crossing Burma Rd. (est. 129+00) Unnamed tributary crossing Emerald Rd. 119+15 Rt. Turner Creek crossing Carlin Bay Rd. 77+60 Rt. Tributary spring crossing Burma Rd. 61+80 Tributary spring crossing Burma Rd. 35+63 (also catches and conveys ditch line water)	No reportable observations this inspection

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occuring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Turbidity sampling log shows current readings and details. See log for more details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Additional controls are needed to stabilize the project throughout. Work is in progress.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	14+50-15+75 14+82-15+50 16+10-18+-25 18+55-22+30 22+30-24+00 27+62-35+25 35+22-39+80 39+80-58+38 Contractors yard on South Carlin Bay Rd. Around perimeter of waste site. 1,900+ feet total. Continued silt fence another est. 500 feet on the south east line Perimeter controls58+38 rt. To 77+83, 77+83 rt. Paralleling Carlin Bay rd. est. 75 feet. Installed Wire backed silt fence. Altered silt fence location from SWPPP plan. Moved fence down the slope to the project limits to allow for future clearing 78+40 to 92+00 rt. 92+00 to 93+00 rt. 93+00 to 110+17. 110+00 to 152+24 as per SWPPP Silt fence from 97+00 to 100+00 differs from SWPPP, fence runs continuous All perimeter controls as per SWPPP installed except those that would affect or be in the way of traffic on Burma Rd. 78+50 to 79+25 rt. 120+60 Rt. 30 feet to the right	No reportable observations
Fiber Wattles	70+99 to 119+00 rt. as per SWPPP 119+00 to 157+00. 146+45 rt. At outfall side of cross culverts, STA's 68+00, 74+60, 75+40 left and right 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been washed away in numerous areas throughout the project revealing bare soil beneath. Crews began covering slopes with plastic on 3/10/14 as a temporary measure.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditch @ STA 78+50 rt. (north side of Carlin Bay Rd.) Rock check dams installed up hill from and with inlet protections	Many check dams have been washed away from the storm event. Sandbags are being used to help control the water at SH-97

Inlet and outlet protections	Inlet protections/check dams Constructed with clean rock at STA's 84+18, 89+06, 96+55, 104+40 Inlet protections installed on 9-5-2013 at STA's 61+90, 40+60 Temporary inlet protections installed at all culverts	Installed protections are not effective enough to control the amount of run-off
Spill containments, washout basins etc.	Spill containment kit is located near the Contractors Jobsite office. Within close proximity to the fuel storage tank. General, throughout project; spill containments beneath stationary And semi stationary equipment	No reportable observations
Plastic covering	STA 11+00 to 13+00 lt. Walls 5 and 6 New alignment from estimated Sta. 129+00 to 137+50	Additional plastic covering is being installed. Locations will be updated in a future report. No other reportable observations

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1	Throughout project	Water needs controlled and ditches need re-defined. Inlet and outlet protections need work (Still continuing this inspection)	Work has began on day of 3/5/14
2	Throughout project	Slopes already mentioned in previous reports and corrective actions have gotten worse. More areas have appeared. Fix these areas as already planned	this work resumed 3/12/14
3	Throughout project	Silt fences at west end of project are full with sediment and in need of repair.	Finished 3/11/14

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1		Work on stabilizing project is currently in action. Continue with the items as identified in previous reports.	N/A

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☒ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☐ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.
- ☒ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.
- ☒ NewMaintenance Requirements have been identified in the current inspection report.
- ☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.

☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.

☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information Not Designated as a Corrective Action or Maintenance Requirement
The project WPCM Jeremy Jenkins will no longer be the WPCM after this week ending 3/14/14. Shelly Gillmore of Resource Planning Unlimited will be the new Replacement WPCM officialy begining after the 14th of this month of March 2014.
List any Permits/Special Operating Conditions for the Project
2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	77	3/12/2014

Primary Inspector's Name (Type or Print)	
Randy Durland	
Primary Inspector's Signature	Date Signed
	03-14-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Jeremy Jenkins	11/21/2012	AGC-90-1120212012
WPCM Signature		Date Signed
		3/13/14

Contractors Acknowledgment -- Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

☒ I agree with the inspection findings

☐ I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title
Brett Brown,	Project Engineer,
Prime Contractor or Duly Authorized Representative's Signature	Date Signed
Digitally signed by Brett Brown DN: cn=Brett Brown, ou=Apollo Inc., ou=, email=brett@apollo-pc.com, c=US Date: 2014.03.14 07:51:08 -07'00'	3/14/2014

Section 9 -- ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title
Todd Bartolome, PE	LHTAC Resident Engineer
District Engineer or Authorized Representative's Signature	Date Signed
	3/21/2014

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Routing for Signatures **mplianceInspection**

ITD 2802 (Rev. 11-28-12)
itd.idaho.gov

Inspection Identification Number***1-09462-78**

*Identification Number is created automatically once District Number, Key Number, and Inspection Number have been entered.

Section 1 - Project Information

Key Number	Project Number	Project Name	
09462	STP-5723(100)	Burma Rd; Gotham Bay Rd to JCT SH-97	
ITD District	Resident Engineer		ITD NPDES Tracking No.
1	Todd Bartolome, LHTAC [East Side Hwy District IDR12C968]		IDR12C962
Prime Contractor's Name	Contractor's NPDES Tracking No.	Contractor Has Filed Their NOT	If Yes, Date NOT Filed
Apollo, Inc.	IDR12C974	☐ Yes ☒ No	

Section 2 - Inspector Information

Inspected By	ITD Inspector Qualification Program Number (IQP)
Shelly Gilmore, Teresa Nuemann	22155

Inspector(s) Designation
☒Joint ITD and WPCM ☐ITD Environmental ☐Contractor's WPCM ☐ Other/3rd Party

Section 3–Inspection and Weather Information

Inspection No.	Current Inspection Date	Previous Inspection Date	Number of Days Since Last Inspection
78	3/19/2014	3/12/2014	7

Reason for Inspection	Explanation (if required)
☒ Routine ☐ Rain Event	

Current Weather Conditions and Temperature	Describe each measureable precipitation event since the last inspection
Cloudy, mid 40s	Rain guage located in contractor's yard: 0.2" recorded 3/14 0.2" recorded 3/16

Section 4– Constructionand Stabilization/SWPPPRecordkeeping Status

Estimate the construction siteand construction support activity area currently disturbed and unstabilized.	3 Acres *
Estimate the construction site and construction support activity area currently temporarily stabilized with erosion controls.	10 Acres
Estimate the construction site and construction support activity area currently permanently stabilized with erosion controls, or that has yet to be disturbed by construction activities and is therefore stabilized.	15 Acres
Provide the total acreage of disturbance expected, or the total project footprint. The previous 3 boxes should add up to this amount, and it should match what is shown on the project plans, SWPPP narrative, and NOI.	28 Acres
The SWPPP reflects the most current project conditions includinggrading, stabilization, and BMP installation.	☒Yes ☐No
Provide the date of the most recent SWPPP update or modification.	3-10-14 CA 18
Comments	Due to slopes failures and loss of BFM on the slopes throughout the project the unstabilized total has increased. *acreage is estimated compromised erosion control bmps, not construction activity, much of the area covered in plastic

Section 5–Construction Areas, Discharge Points, and Installed Controls (BMPs) Inspected

For any areas not inspected, include the reason in the Observations section.

Construction Areas

Area	Station No. or Location Description	Observations
Areas Cleared, Graded, or Excavated	All areas stabilized for winter shutdown with either permanent or temporary erosion controls.	Temporary erosion control measures on the slopes throughout the project are failing predominantly due to hillside seeps and slope failure. Plastic is being placed on the slopes at the time of this inspection as a temporary measure. Rock is also being placed in areas. See SWPPP Appendix H.
Onsite Waste / Borrow / Stockpiles	Contractor's yard/ waste site.	6-8 in. riprap pile and waste soil. Waste soil needs erosion protection. No other reportable observations.
Offsite Waste / Borrow / Stockpiles	ConMat's pit, Hayden Idaho Corner of HWY 95 and HWY 53	Commercial site; site not inspected.
Equipment Storage/Maintenance/Fueling	Contractor yard (off South Carlin Bay Rd) job trailer, fuel storage, portable restrooms, building material storage, equipment storage, trash receptacles. Administration office (off South Carlin Bay Rd) job trailers, portable restroom.	Fuel storage tank located at contractor's yard. 12,000 gallon tank is double walled, no spill containment required on tank itself. See SPCC Plan. 550 gallon hydraulic oil tank in earthen depression. Non permeable spill containment needs to be maintained under 550 gallon tank and under fuel pump on 12,000 gallon tank.
Site Entrances and Exits/Offsite Tracking	Access to contractor yard off of S. Carlin Bay Rd.; Beginning of project (station 9+83); End of project (station 153+12	No reportable observations.

Discharge Points – Includes stormwater, non-stormwater, and other potential pollutant sources

Note all discharge points in this table. Document any controls required to address them in the Installed Controls (BMPs) table below.

Type of Discharge Point	Station No. or Location Description	Observations
Cross culvert along Burma Rd	St 27+50	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 40+61	No flow.
Cross culvert along Burma Rd	St 50+00	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 52+50	High flow from off site, no visible turbidity.
Cross culvert along Burma Rd	St 55+73	High flow from off site with no visible turbidity; visible turbidity up and down station from roadside ditch contributions.
Cross culvert along Burma Rd	St 61+70	Moderate flow from off site with no visible turbidity; visible turbidity from stabilization work up station.
Cross culvert along Burma Rd	St 68+30	Minimal flow, some visible turbidity.
Cross culvert along Burma Rd	St 74+84	No flow.
Cross culvert along Burma Rd	St 84+18	Low flow, some visible turbidity.
Cross culvert along Burma Rd	St 104+36	Low flow, some visible turbidity.
Cross culvert along Burma Rd	St 118+80	Low flow, some visible turbidity.
Cross culvert under Emerald Dr	St 119+20	Moderate flow, some visible turbidity.
Cross culvert along Burma Rd	St 140+60	Low flow.
Cross culvert along Burma Rd	St 146+25	Low flow, some visible turbidity.
Turner Creek flow through box culvert along Hwy 97 to Cd'A Lake	Hwy 97	High flow, visibly turbid plume in lake

Discharges Entering Waters of the US

If a discharge violated ID water quality standards (5.2.1.2), or is a prohibited discharge (5.2.1.3), it must be reported to HQ ENV SWPPP using Form ITD 2790 within 24 hours, and documented in the project's Corrective Action Reporting Log as required by 5.4.

If a discharge is occurring or has occurred, describe the discharge location (s) and visual observation/description/quality (4.1.6.6.b)
Turbidity monitoring log shows current readings and details. See turbidity monitoring log for more details.
Identify if controls have operated effectively or are in need of maintenance, or if additional controls are needed (4.1.6.6.c)
Additional controls are needed to stabilize failing slopes throughout the project; work is in progress; see SWPPP Appendix H.

Installed Controls (BMPs)

In this table note all installed controls used to divert/convey/retain/treat stormwater and/or non-stormwater, erosion and sediment controls, temporary or permanent stabilization measures, and pollution prevention measures

Type/Description of Control	Station No. or Location Description	Observations
Perimeter controls (Silt fence)	Stations 14+50-15+75; 14+82-15+50;16+10-18+25; 18+55-22+30;22+30-24+00; 27+62-35+25;35+22-39+80; 39+80-58+38; Contractors yard on South Carlin Bay Rd. around perimeter of waste site; 58+38 - 77+83; Paralleling Carlin Bay Rd; 78+40 - 92+00; 92+00 - 93+00; 93+00 - 110+17; 110+00 - 152+24	Silt fence from St 51+80 up station loose at top. Silt fence ~St 120+00 to 121+60 needs repaired and cleaned out.
Fiber Wattles	Stations 70+99 - 119+00; 119+00 - 157+00;145+45; At outfall side of cross culverts, 68+00, 74+80, 75+40 left and right, 84+00, 89+20, 96+50 and 104+45	No reportable observations
Hydro mulch/tackifier	Stations 10+50 to 38+00 11+00 to 24+50. Lt. 24+50 to 56+00 lt. 56+00 to 78+00 lt. 101+00 lt. to 123+00 lt. 123+00 to 136+00 lt.	Hydro mulch has lost its effectiveness. BFM is and has been sloughed away in numerous areas throughout the project revealing bare soil beneath (see Section 7). Crews began covering slopes with plastic on 3/10/14 as a temporary measure and adding rock to slopes.
Check dams, berms, sandbags etc.	Rock check dams combined with rock lined ditches, straw wattles, sandbag check dams, etc. in roadside ditch (north side of Carlin Bay Rd)	Many check dams have been washed away or covered with sediment from storm events. Work continues to repair sediment source, effective check dams will be installed, and then quantity and locations will be identified.
Inlet and outlet protections	Stations 40+60, 61+90, 84+18, 89+06, 96+55, 104+40	
Misc. erosion control	Plastic stations 11+00 to 13+00 Lt; Walls 5 and 6; New alignment from estimated 129+00 to 137+50	Additional plastic covering is being installed (see SWPPP Appendix H).

Section 6–Maintenance Requirements, BMP Installations (per SWPPP), and Corrective Actions

Completed Since Last Inspection

Item No.	Location	Action Taken	Date Completed
1		**No actions reported in last inspection report.**	
2			
3			

Identified During Current Inspection

Item No.	Location	Action Required	Date to be Completed
1		**Work on stabilizing project is currently in action, see Section 7.**	

Identify any and all actual or potential incidents of CGP noncompliance, including administrative noncompliance

Conditions Triggering Corrective Action Report

If any of the 3 conditions below are checked, an entry must be made into the Corrective Actions Reporting Tables in the SWPPP per CGP 5.4.

- ☐ Required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in CGP Parts 2 and/or 3 (5.2.1.1) (Additional BMPs not identified in initial SWPPP)
- ☐ The stormwater controls installed are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in CGP Part 3.1 (5.2.1.2.) (Turbid discharge)
- ☐ One of the prohibited discharges in CGP Part 2.3.1 is occurring or has occurred (5.2.1.3) (Toxic or hazardous material)

Summary of Inspection Findings - Check all that apply

- ☒ No Maintenance Requirements were noted in the previous inspection report.
- ☐ All Maintenance Requirements noted in the previous inspection report **have been** satisfactorily completed.
- ☐ All Maintenance Requirements noted in the previous inspection report **have not been** satisfactorily completed.
- ☐ NewMaintenance Requirements have been identified in the current inspection report.
- ☐ BMP Installation Requirements per SWPPP have been identified in the current inspection report.
- ☐ Conditions existthat triggeredan entry into the Corrective Actions Reporting Log in the SWPPP per CGP 5.4.
- ☐ Conditions exist that triggered the need to submit an ITD 2790.

Section 7 - Other Outstanding Items or Notes

Document Outstanding Issues or Other Project Information **Not** Designated as a Corrective Action or Maintenance Requirement

Slope failures across the project are contributing to visibly turbid water entering Turner Creek and Coeur d'Alene Lake. Work continues in an effort to prevent additional erosion from rain events by placing plastic on cut slopes and corrective measures, which includes removing sloghed soil and surfacing cut slopes with rock. The following is an updated list of current slope failure locations:

- Sediment accumulated at inlet and outlet and along silt fence 146+25
- Slope failure 140+60+
- Concentrated flow erosion 140+60, needs shaped and protected
- Slope failure 124+80
- Slope failure 123+70
- Slope failure 120+80
- Toe slope failure above cross culvert 118+80
- Slope failure 118+20 to 118+60
- Erosion from concentrated flow near 115+70, needs shaped and protected
- Slope failure 109+20 to 118+20
- Slope failure behind wall 108 to 109+20
- Slope failure 104+40 to 108
- Erosion from upland, off site concentrated flow at 104+40, needs to be shaped and protected
- Sediment accumulation at 104+36 culvert on Burma Rd needs cleaned out

- Slope failure Canton Lane cut slope continuing to 104+40
- Unprotected slopes, near vertical cut slopes above wall 91 to 97+80 need erosion control (mulch)
- Slope failure 90+10 to 91+
- Slope failure from concentrated flow 88+00, needs shaped and protected
- Slope failure at toe of slope 84+20 to 87+80
- Slope failure 83+ to 83+80
- Slope failure 79+ to 82+40 (some rock in place)
- Slope failure St 75+40 to 77+80
- Sediment accumulation at the cross culvert inlet 74+80
- Drainage pattern above culvert inlet 74+90 is eroding, needs shaped and stabilized
- Slope failure 74+80
- Slope failure 71+-
- Reapply mulch (seed) on slopes of approach at 63+80
- Slope failure 62+80 to 68+40 (installing plastic 64+)
- Slope failure 58+80 to 60+80 (installing plastic 3/19/4)
- Slope failure on private approach cut slope 58+80 (plastic installed)
- Outlet perimeter control full of sediment (59+)
- Slope failure 55+60 to 58+80
- Slope failure 54+00 to 55+60 (plastic installed)
- Slope failure 53+60 to 55+60
- Slope failure 51+80 from concentrated flow erosion, drainage pattern needs repaired and protected
- Slope failure 50+20 to 52+10 (plastic installed)
- Slope failure 50+10 to 50+20
- Sediment accumulated at culvert inlet 50+10
- Slope failure 48+60 to 50+00 (fill slope of Litton Ln) (plastic installed)
- Slope failure 43+20 to 45+00
- Slope failure 40+40 to 41+90
- Slope failure back slope of Skyview Dr St 38+40 to 40+40 (plastic on backslope of Skyview)
- Slope failure 36+15
- Erosion on top end and both sides of down drain St 36+05
- Slope failure 36+00 to 36+05
- Slope failure 32+20 to 33+80 (plastic at power pole 33+40)
- Slope failure 31+00 to 32+20 (plastic at power pole near 31+)
- Slope failure 28+90 (plastic on slope)
- Sediment accumulated at culvert inlet St 27+70, needs to be removed
- Slope failure 23+70 to 26+00 (plastic on slope St 25+90)
- Slope failure 23+20 to 23+80 (some rock on slope)
- Slope failure at toe of slope 21+20 to 22+70
- Slope instability (plastic 10+ to 11+)
- Sediment accumulated in roadside ditch along Hwy 97

List any Permits/Special Operating Conditions for the Project

2012 Construction General Permit; US Army Corps of Engineers Permit # NWW-2012-601-B02 June 8 2012; Idaho Department Of Enviromental Quality 401 Permit, June 4 2012.

Section 8 - Inspection Certification

Key Number	Inspection Number	Current Inspection Date
09462	**78**	**3/19/2014**

Primary Inspector's Name (Type or Print)

Randy Durland, Teresa Nuemann, Tony Butler

Primary Inspector's Signature: Teresa Nuemann — Date Signed: 3-19-14

Water Pollution Control Manager (WPCM) Signature

WPCM Name (Type or Print)	WPCM Training Qualification Date	WPCM Training Qualification Number
Shelly Gilmore	8/23/2012	AGC-36-0822232012

WPCM Signature: Resource Planning Unlimited, Inc. Digitally signed by Shelly Gilmore DN: cn=Shelly Gilmore, o=Resource Planning Unlimited, Inc., ou, email=rpu@turbonet.com, c=US Date: 2014.03.19 17:59:16 -07'00' — Date Signed: 3/19/14

Contractors Acknowledgment – Receipt of Inspection and Acknowledgment of Inspection Findings

I have received a copy of this inspection report and been informed of Maintenance Requirements and/or Corrective Actions, and:

[x] I agree with the inspection findings

[ ] I disagree with the inspection findings (specify reasons below)

If contractor disagrees with findings and recommended Maintenance Requirements and/or Corrective Actions, specify reasonsin the space below

Must be signed by Prime Contractor or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Prime Contractor or Duly Authorized Representative's Name (Type or Print)	Title	
Brett Brown	Project Engineer	
Prime Contractor or Duly Authorized Representative's Signature	Digitally signed by Brett Brown DN: cn=Brett Brown, o=Apollo Inc., ou, email=brettb@apollo-gc.com, c=US Date: 2014.03.27 16:28:49 -07'00'	Date Signed 3/27/2014

Section 9 – ITD Compliance Certification - Must be signed by District Engineer or Duly Authorized Representative

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

District Engineer or Authorized Representative's Name (Type or Print)	Title	
Todd Bartolome	LHTAC Resident Engineer	
District Engineer or Authorized Representative's Signature		Date Signed

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Appendix F

Karissa Hardy (LHTAC) – 05/15/2014 Letter

Local Highway Technical Assistance Council
3330 Grace Street
Boise, Idaho 83703

Phone 208.344.0565
Fax 208.344.0789
Toll Free 1.800.259.6841

www.lhtac.org

Serving Idaho Since 1994

Date: May 15, 2014

To: Mr. Pat Stoll
EPA

Key No.: 09462

RE: LHTAC Project Key #09462 Burma Road, Kootenai County, ID – 3/25/2014 EPA Site Inspection Follow-up

Dear Mr. Stoll,

This letter follows-up on the Burma Road project site inspection that you conducted on March 25, 2014, located in Kootenai County, Idaho and your several requests for supplemental information.

The Local Highway Technical Assistance Council (LHTAC), Eastside Highway District and Apollo Inc. (Contractor) have, for the overwhelming permitting time period, met state water quality standards and the conditions of the Construction General Permit. However, this project has experienced unforeseen, severe and unusual storm events in both the fall of 2013 and the spring of 2014 which will be described below.

In maintaining compliance with the Construction General Permit (CGP), and in a diligent response to the water quality concerns associated with these unexpected storm events, LHTAC (project administrator), Eastside Highway District (owner), and Apollo Inc. (contractor) have taken extraordinary steps to completely revamp erosion and sediment controls project wide in response to this unusual weather. This program was implemented in compressed time frames and with significant coordination with industry experts in sediment and erosion control, the Idaho Transportation Department (ITD), LHTAC, Eastside Highway District and Apollo Inc. The program elements included, among others, numerous trips from LHTAC staff (located in Boise, Idaho) to inspect the condition of the project site as well as site visits from ITD staff, and all with the goal of fully informing senior project administrators as to the appropriate course or action to be taken in responding to these unpredicted circumstances. Although these efforts generated a significant project expense (**over $1.3 million in additional erosion and sediment control Best Management Practices have been implemented to date),** any practicable sediment and erosion control measures proposed were considered and implemented where appropriate and consistent with the CGP.

Extraordinary rain events occurred at the Burma Road Project site September 24th-25th (1.1 inches), 28th-29th (1.5 inches), and October 8th (0.65 inches). Typical monthly precipitation totals for this area (Harrison) in September range between 1.1 and 1.3 inches total of precipitation. The project site received over 3.6 inches of precipitation in September 2013 which is almost three times the local precipitation averages. These late September 2013 rain events resulted in severe weather and flash flood warnings in the area. Corrective actions and extensive stormwater pollution prevention plan modifications were implemented in response to these events. The priority placed on responding to permit compliance by the operators resulted in 100% site stabilization by late October and, as consistent with the CGP conditions, construction activities were ceased for the winter shut-down period.

All operators recognized the sensitive location of this project, including the proximity to waters and wetlands of the US, steep slopes and erosive soils, among others. Because of the environmentally-sensitive nature of this project, a collective decision was made to continue with weekly and rain event inspections throughout the winter shut-down period. The winter

was an atypical winter with warmer than average temperatures and significant amounts of rain; however, the contractor was prepared to respond to the unusual weather conditions. Emergency response materials were stored at the project in October to promptly address any future unanticipated issues including rock stockpiles, plastic sheeting, sandbags, and standby equipment.

The following summarizes the unexpected storm events and operator project response, even though the project was shut-down for the winter pursuant to the CGP. Notwithstanding that the project was shut-down for the winter, the Contractor has continued to inspect the site throughout the shut-down period and has immediately returned to the site to initiate repair work when the inspections indicated the need for repairs.

Date	Specific Event Recap
10/28/2013	The Burma project is 100% stabilized per plan for winter shut-down
11/3/2013	0.7 inches of rain
11/4/2013	Routine inspection. Inspector notes the need to secure plastic, site 100% stabilized
11/6/2013	Routine inspection, site 100% stabilized
11/7-11/8/2013	1.25 inches of rain
11/8/2013	Rain inspection, slope related corrective actions identified, repair initiated (completed 11/14/2013).
11/13/2013	Routine inspection, slope related corrective actions continuing (completed 11/14/2013, 100% stabilized).
11/16-11/17/2013	1.6 cumulative inches of rain
11/18/2013	Rain inspection, cracking noted in areas of mulch matrix, noted as areas to watch, site 100% stabilized
11/19/2013	0.41 inches of rain
11/20/2013	Rain inspection, cracking noted in areas of mulch matrix, noted as areas to watch, site 100% stabilized
11/27/2013	Routine inspection, action items noted, needed additional plastic, silt fence maintenance, completed 11/27/2013, site 100% stabilized.
12/2/2013	1.15 inches of rain in gauge
12/2/2013	Rain inspection, maintenance needed on plastic, completed 12/2/2013, site 100% stabilized
12/4/2013	Routine inspection, no action items, site 100% stabilized
12/11/2013	Routine inspection, no action items, site 100% stabilized
12/16/2013	0.5 inches of rain
12/16/2013	Rain inspection, no action items, site 100% stabilized
12/17/2013	Rain inspection, no action items, site 100% stabilized (no additional rain)
12/24/2013	0.8 inches in gauge, mixture of previous snow (12/20/2013) and rain
12/24/2013	Routine inspection, no action items, site 100% stabilized
12/31/2013	0.2 inches of rain in gauge
12/31/2013	Routine inspection, no action items, site 100% stabilized
1/7/2014	0.2 inches of rain in gauge
1/7/2014	Routine inspection, no action items, site 100% stabilized
1/8/2014-1/9/2014	1.3 inches of rain
1/9/2014	Rain inspection, no action items, site 100% stabilized
1/11/2014	0.75 inches of rain
1/11/2014	Rain inspection, no action items, site 100% stabilized

Date	Specific Event Recap
1/15/2014	0.2 inches of rain,
1/16/2014	Routine inspection, slope failures noted and LHTAC verbally issued an Avoid Verbal Order (AVO) to Apollo directing them to repair slopes immediately, received by contractor in writing on 1/17/2014
1/17/2014	Contractor had staff on site actively working on repairs, contractor has remained on site continuing to address slope failures
1/22/2014	Slope work temporarily paused during frozen period per LHTAC request to review a more effective method of repairing seep areas. The Contractor continued working at the site, including removal of ice dams created in roadside ditches, and monitoring of slopes.
1/29/2014	LHTAC met with ITD this date to review repair methods. Modifications were made and discussed with the Contractor; the modifications were submitted from LHTAC to the contractor in writing in an AVO, slope work continued.
2/4/2014	Contractor notified LHTAC that conditions were too cold to work (below zero degrees). Contractor shutdown during this frozen period.
2/5/2014	10-12" of snow accumulation
2/12/2014	LHTAC contracted on-site inspector from David Evans and Associates (DEA) deemed the site to be in acceptable condition on 2/12/2014, (project daily diary).
2/19/2014	Rain on snow inspection, documented additional slope failures and wearing of mulch matrix throughout project.
2/20/2014	LHTAC provided an AVO to Apollo with direction to repair immediately with plastic, rock and mulch . Contractor actively working on repairs.
2/24/2014	Additional 6" to 8" of snow accumulation.
2/25/2014	Contractor continues working actively on repairs. On-site meeting with LHTAC, DEA & Apollo to follow up on repair progress. (Apollo still continuing with repairs per 2/20/2014 AVO)
3/2/2014-3/3/2014	12" of snow accumulation in addition to approximate 12"+ on ground
3/4/2014	Apollo continuing to actively repair failed areas.
3/5-3/8/2014	**RAIN ON SNOW EVENTS - Heavy Rain, flood warnings.(See attached stream gauge data)**
3/5-3/8/2014	Contractor actively responding (was already on site and ready to respond in anticipation of the flood event) to concerns including, removal of ice from ditches, plastic placement, Vac trucks to clean sediment accumulation, rock cap placement, sediment removal from silt fences, sand bag placement, gravel berms, redirection of ditch flow. The Contractor's quick action increased roadside ditch storage capacity, prevented additional erosion, and retained turbid stormwater, particularly near the State HWY 97 intersection adjacent to Lake Coeur d'Alene. Two crews working overtime continued to work on corrective actions at the site throughout the remainder of the week.
3/9 - 11/2014?	Coeur d'Alene River near Cataldo, Harrison and the Spokane river. The stream gauge located at the Coeur d'Alene River near Cataldo noted the event as significantly above flood stage level and the stream gauge at the Coeur d'Alene River near Harrison is the highest event in the 18 year history of the stream gauge, significantly exceeding the 1997 maximum. (see attached records)
3/9/2014 thru 4/??/2014	Two crews working overtime continued to work on corrective actions at the site throughout the remainder of the week, at which time a third crew was added to expedite work. The Contractor continued to work exclusively on erosion and sediment control measures until the site was deemed stable again (April 2014).
4/1/2014	LHTAC issues AVO to stop slope repair work until soil conditions improve (supersaturated slopes at this time).
4/3/2014	Project site 100% Stabilized with the exception of Litten Lane Land Slide, additional eco-block barrier in place and functioning well in this area.

Additionally, below is a follow-up on other items noted by project staff at the time of your (Pat Stoll) inspection and the follow-up corrective actions that were completed. These are <u>in addition</u> to the corrective actions noted in the weekly updates to the Environmental Protection Agency (EPA):

- Additional plastic was added to slopes near state HWY 97 intersection and other areas (3/26)
- Additional sandbags arrived on 3/26/2014, and were placed on plastic sheeting to prevent wind wear and to create a continuous sandbag barrier on the top of plastic sheeting that was not trenched in
- Additional rock was placed at culvert outlets and sediment removed from check dams (3/28/2014)
- Sediment was cleaned out of the roadside ditch adjacent to state HWY 97 and relined with rock (4/3/2014)

We are happy to report compliance to state water quality standards throughout April and May even though the site has again endured significant and extraordinary rain events. The Local Highway Technical Assistance Council (LHTAC), Eastside Highway District and Apollo Inc. (Contractor) continue their commitment to meeting state water quality standards and the conditions of the Construction General Permit. Please contact me with any additional project related questions.

Sincerely,

Karissa Hardy

Digitally signed by Karissa Hardy
DN: cn=Karissa Hardy, o=LHTAC, ou, email=khardy@lhtac.org, c=US
Date: 2014.05.15 11:02:45 -06'00'

Karissa Hardy, P.E.
LHTAC Staff Environmental Engineer
khardy@lhtac.org
208-344-0565 office
208-841-2153 cell

Attachment: Stream gauge records

cc: Sue Sullivan, Brad Wolfinger, ITD HQ Environmental
Jeff Miles, P.E., Odo Grandi, PE, LHTAC,
Randy Durland, David Suhr, PE, DEA
Shelly Gilmore, CPESC, Resource Planning Unlimited
Brett Brown, David Haight, Apollo Inc.

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During winter months, stage and discharge may be affected by ice in the channel. Data values reported on these pages may be significantly higher or lower than the actual streamflow. Adjustments to the data will be done after detailed analyses. Ice affected values identified on graphs (•) may be viewed by choosing the table output format. If you have questions about these values, please contact the Idaho Water Data Maintainer.

PROVISIONAL DATA SUBJECT TO REVISION

USGS 12413500 COEUR D ALENE RIVER NR CATALDO ID

Gage height, feet

Most recent instantaneous value: 38.16 04-01-2014 06:30 PDT Next

Add up to 2 more sites and replot for "Gage height, feet"

?
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Enter up to 2 site numbers separated by a comma. A site number consists of 8 to 15 digits

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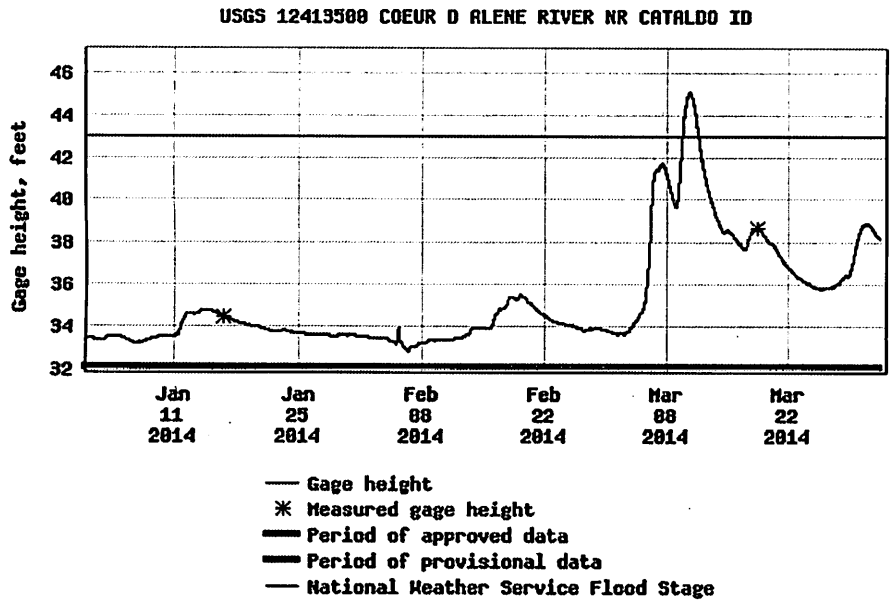

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USGS 12413860 COEUR D ALENE RIVER NR HARRISON ID

Gage height, feet

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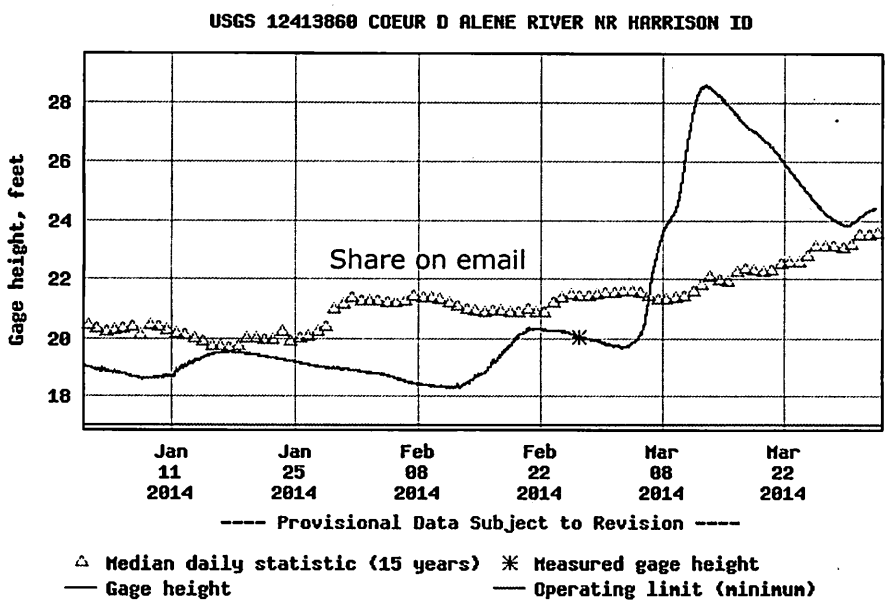
Most recent instantaneous value: 24.42 04-01-2014 06:20 PDT

Next



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Daily gage height, feet -- statistics for Apr 1 based on 18 years of record more

Min (2008)	25th percen-tile	Mean	Median	Most Recent Instantaneous Value Apr 1	75th percen-tile	Max (1997)
20.95	21.94	23.52	23.56	24.42	24.86	26.63

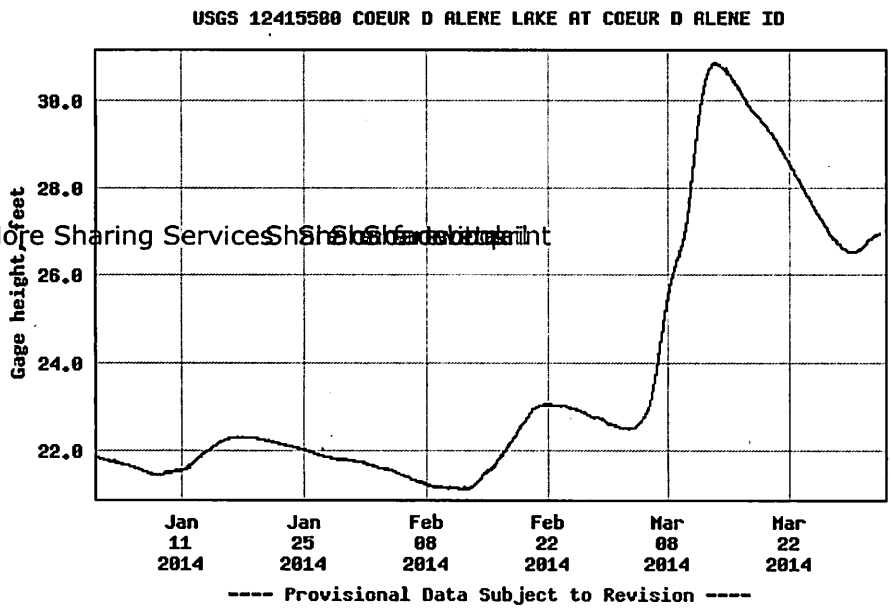
USGS 12415500 COEUR D ALENE LAKE AT COEUR D ALENE ID

Gage height, feet

Prev

Most recent instantaneous value: 26.95 04-01-2014 06:30 PDT

Next



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USGS 12417610 SPOKANE RIVER NR COEUR D ALENE LAKE OUTLET @CDA ID

Gage height, feet

Prev

Most recent instantaneous value: 26.96 04-01-2014 06:28 PDT

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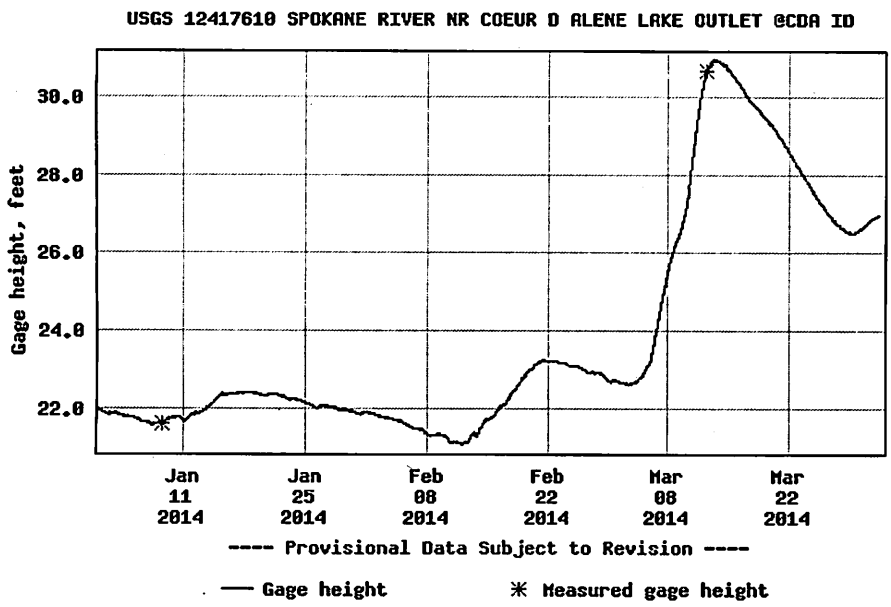

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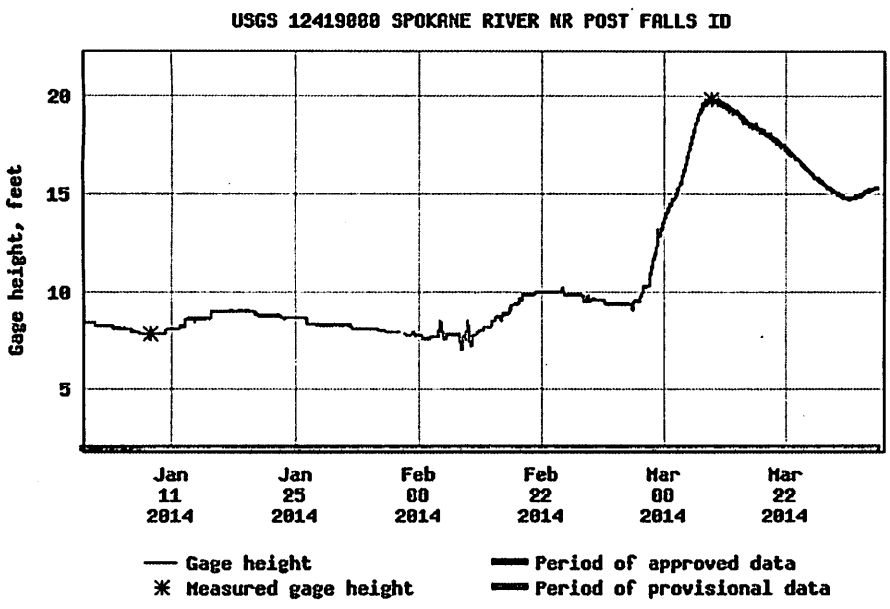
USGS 12419000 SPOKANE RIVER NR POST FALLS ID Share on email

Gage height, feet

Most recent instantaneous value: 15.32 04-01-2014 06:30 PDT

Prev Next



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Stormwater Inspections 1-78